

Stephane ROBIN

02/03/1983 - (42 years old)

Mail : stephane.robin.job at gmail dot com

Backend Java Spring Boot Developer

Application Design, Web Development, Backend Development, Java, Spring Boot

As a backend developer specialized in Java and Spring Boot, I am passionate about the web universe and its fundamental principles. My preferred environment is Linux, and I thrive within agile teams. My commitment to security and privacy protection is at the heart of my professional approach.

Skills

- **Languages** : Java, Kotlin, Groovy, SQL, HTML, CSS, XML, JSON, JavaScript, Typescript, PHP
- **Frameworks** : Spring, Spring Boot, Grails, Hibernate, JPA, Thymeleaf, Angular, JQuery, Guava, Kotest, TestNg, JUnit, Mockito, PowerMock, Spock, Log4j, LogBack, Flogger, Elasticsearch
- **Databases** : MongoDB, Neo4J, MySQL, PostgreSQL, Oracle
- **Application servers** : Tomcat, Jetty, Glassfish
- **Tools** : IntelliJ IDEA, Eclipse, Git, SVN, Maven, Gradle, Jenkins, TeamCity, Sonar, Soap UI, YouTrack, Jira, Confluence, Graphviz, Apache Web Server, Postman
- **Methodology** : Agile, SCRUM, TDD, Continuous integration, CICD, V-model, Responsive Design, UML, Merise
- **Systems** : Linux, macOS, Windows
- **Gen AI** : OpenAI, MistralAI, Anthropic Claude 3, AWS Q, GitHub Copilot

Education

- DUT Computer Engineering
- BTS Computer Science, application development

Languages

- French, native
- English, fluent
- 985 pts TOEIC C1 - Univers des langues, November 2024
- 150 pts TOEIC B1
- 170 pts TOEIC B2
- Spanish, basic level

Training / Certifications

- Neo4J Training (October 2023)
- AWS Summit (June 2018)
- Security Bootcamp AWS (April 2018)
- CSS3 Expert Training (April 2018)
- AWS Big Data Webinar (February 2018)
- AWS AWSome Day (January 2018)
- AWS Cert Prep Associate Workshop (January 2018)
- Devxxx (2016 and 2017)
- Angular development training (2016 and 2017)

- Android development training (2016)
- Bonita BPM training (2013)
- Oracle PL-SQL programming training (2013)
- Java/Java EE, Spring, JSF, Hibernate training (2013)

Experience

Abbeal - Fairstone

Senior Backend Developer, December 2024 / present, Montreal, Quebec

Modernization and evolution of financial services applications

Agile environment, Scrum methodology. Mission focused on modernization and migration of legacy applications to more modern practices and versions in AWS cloud environment.

- Business requirements analysis and functional and technical specifications writing.
- Design and development of secure and scalable RESTful APIs.
- Refactoring existing modules to improve maintainability and performance.
- Implementation of automated testing strategies (unit, integration, end-to-end).
- Application of code quality best practices, security (OWASP) and documentation.
- Integration of CI/CD pipelines with Jenkins and GitHub.
- Active participation in Scrum ceremonies and continuous feedback cycles.
- Code review and pair programming to ensure high quality standards.
- Contribution to continuous process improvement and knowledge sharing.
- Use of GenAI tools, Copilot and Amazon Q to structure processes and migrations.
- Writing and implementation of development and deployment best practices.
- Implementation of Liquibase for database data migrations.
- Repository transfer from AWS Code Commit to GitHub, and from Nexus to AWS Code Artifact.
- Migration of Java Spring application on WebSphere to serverless TypeScript AWS Lambda.

Skills : Java 8, Spring, Scrum, Maven, JIRA, GitHub, IntelliJ IDEA, MSSQL, TypeScript, Git, SQL, JPA / Hibernate, JUnit, Docker, Jenkins, Liquibase

Abbeal - Desjardins

Senior Backend Developer, July 2024 / November 2024 (5 months), Montreal, Quebec

Modernization and evolution of a wealth management account opening application

Agile environment, Scrum methodology. Mission centered on securing and modernizing a wealth management application, with implementation of software solutions to reduce attack surface and protect the application against security vulnerabilities.

- Requirements analysis and functional and technical specifications writing.
- Development of secure and optimized RESTful APIs.
- Application of clean code principles and OWASP standards for security.
- Securing endpoints, parameters and sensitive data.
- Refactoring and simplification of existing processes.
- Development of testing strategies and quality assurance through unit tests.
- Use of Postman for front-end and API testing.
- Implementation of continuous integration and delivery tools (Jenkins, GitHub).
- Deployment of development environments under Linux and MySQL.
- Work in Scrum environment, active participation in ceremonies and regular feedback.
- Systematic code review and pair programming to ensure code quality.
- Contribution to continuous improvement of processes and tools.

Skills : Java 8, Spring, Scrum, Grails, Gradle, JIRA, GitHub, IntelliJ IDEA, MySQL, TypeScript, Git, Angular, SQL, JPA / Hibernate, JUnit, PowerMock, Jenkins

Whoz

Backend Developer, Spring Boot, API, Java, Kotlin, September 2019 / April 2025 (5 years and 8 months), Paris, Ile-de-France

Microservices and backend API development for a SAAS skills management application

As a Java Engineer at Whoz, I developed microservices and backend APIs for a SAAS application focused on skills management. Our AI-based solution aims to improve the profitability of consulting firms and advisory companies while strengthening the human capital of enterprises.

My role encompassed modernizing the technology stack, updating various frameworks and tools, particularly Grails and Spring. I also worked on performance optimization and processing time improvements, preparing the application for high-traffic clients and intensive usage.

I evolved in an agile environment with organization by business squads and technical chapters, working remotely and collaborating with colleagues distributed across France. This involved tackling significant business challenges and contributing to the company's strategic objectives.

I took it upon myself to help my team deliver by taking on the role of proxy Scrum Master.

I supported my company in its transformation and adoption of artificial intelligence technologies and LLM usage.

My achievements and responsibilities include:

- Application performance improvements and processing time optimization.
- Migration from Groovy/Grails JDK 8 to Kotlin/Spring Boot and JDK 17.
- Treatment parallelization using Completable Future, Async, Events and Coroutines.
- API design, development, and consumption to enhance connectivity.
- Implementation of comprehensive tests, including unit, regression, integration, and end-to-end tests.
- Bug fixes and tracking to ensure optimal client experience.
- Application of SCRUM methodology as Scrum Master.
- Usage of OpenAI ChatGPT and API implementation.

Skills : OpenAI ChatGPT, Apache Kafka, Keycloak, AWS, Scrum, Kotlin, Groovy, Spring Boot, Grails, Gradle, JIRA, GitLab, IntelliJ IDEA, Postman, Linux, MongoDB, PostgreSQL, Neo4j, TypeScript, Git, Elasticsearch, Docker, Datadog, Cypress.io, TestContainer, Angular, Java, SQL.

Aneo - BNP CIB

Backend Consultant, Java, January 2019 / April 2019 (4 months), Paris, Ile-de-France

Microservice middleware development

To modernize the leveling application used by BNP CIB's currency trading teams, I developed a microservice middleware layer for interconnection with the IBM AS400 mainframe.

The project focused on the ability to efficiently query the legacy system, intelligently cache and improve overall performance. The central objective was to simplify business-level access, playing an essential role in optimizing operational processes.

Work in collaboration with a remote team in New Delhi.

- Conducting thorough functional and technical analysis of the existing system.
- Development and presentation of a complete and adapted technical solution.
- Judicious creation and use of APIs, promoting efficient connectivity.
- Rigorous implementation of comprehensive tests, covering unit, regression, integration, and end-to-end domains.
- Proactive identification, correction, and meticulous tracking of anomalies to ensure optimal user experience.

Skills : Java, GWT, Spring Boot, TestNG, PowerMock, Oracle DB, Linux, SVN, Swagger, JSON, Jira, Postman

Aneo - Malakoff Médéric

Java Fullstack Engineer Consultant, August 2018 / December 2018 (6 months), Paris, Ile-de-France

Development on a brokerage application for mutual insurance products

I played an essential role in developing a brokerage application for mutual insurance products. My work consisted of facilitating the application migration from React to Angular, introducing new features and enabling the merger of activities with Humanis, within the Next project at Malakoff Médéric.

The central objective of this mission was to design a modern web platform to support the growth of my client's brokerage activities, which represent nearly half of their revenue.

My main responsibilities included:

- Design and integration of REST APIs.
- Implementation of various types of tests, including unit, regression, integration, and end-to-end tests, notably using Protractor.
- Creation of Gherkin scenarios.
- Integration of interactive mockups.
- Detection and resolution of anomalies, while ensuring meticulous tracking of their resolution.
- Support in writing business user stories.

Skills : Play Framework, Protractor, Cucumber, Bitbucket, Jenkins, Sonar, REST API, Scrum, JIRA, IntelliJ IDEA, Postman API, MongoDB, Git, Angular, Java, SQL

Aneo - E-Attestations

Java Fullstack Engineer Consultant, January 2018 / July 2018 (6 months), Massy, Ile-de-France

Tools and applications development, AWS migration

I participated in the development of tools and applications, as well as migration to AWS for a software platform for risk management, governance and compliance.

In order to prepare the platform for future developments and migrate the infrastructure to the cloud, I played an essential role in designing and implementing a microservices-oriented architecture on AWS.

From this perspective, I proceeded with the cutting and transformation of existing applications, while creating a new application based on the microservices model. The central objective was to provide a modern, resilient, cost-effective and efficient platform to support the growth and expansion of the company.

My responsibilities included:

- Design and implementation of an AWS cloud architecture.
- Evolution and migration of legacy applications to AWS.
- Development and use of APIs.
- Implementation of various types of tests (unit, regression, integration).
- Implementation of a single sign-on (SSO) Keycloak system.
- Migration from SVN to Git.
- Establishment of a software forge, tools, and processes for continuous integration and continuous deployment (CI/CD).
- Lead developer role in implementing a new microservices-based project.
- Creation of a microservices-oriented logging framework.
- GDPR & ISO 27001 compliance.
- Creation of interactive mockups.
- Scrum Master management and daily meeting facilitation.

Skills : Keycloak, TestNG, Bitbucket, Jenkins, Sonar, Amazon Web Services, Scrum, Spring Boot, JIRA, IntelliJ IDEA, Linux, PostgreSQL, Git, Angular, Java, SQL

Aneo - Société Générale

Java Fullstack Engineer Consultant, July 2017 / December 2017 (6 months), La Défense, Ile-de-France

Tools and applications development for trading surveillance teams

I contributed to the development of tools and applications for teams responsible for trading surveillance.

With the objective of providing the "Safe" teams responsible for monitoring and compliance with trading activity rules for Société Générale across its various global sites, several Java/Angular applications were designed. These applications rely on consuming and providing a variety of APIs from numerous application partners, processing flat files such as CSVs, as well as ingesting and consuming data in and from the Hadoop lake.

The main objective was to raise risk indicators and identify anomalies related to financial movements.

My tasks included:

- Creation of prototypes and interactive mockups.
- Proposal of architectural solutions.
- Design and development of evolutions.
- Implementation and consumption of REST APIs.
- Implementation of different types of tests (unit, regression, integration).
- Correction and tracking of anomalies.
- Evolution of authorization architecture for back-end and front-end layers.

Skills : Hadoop, TestNG, REST API, Scrum, Spring Boot, IntelliJ IDEA, Linux, Git, Angular, Java, SQL

Extia - Euronext

Java Engineer Consultant, January 2017 / July 2017 (6 months), La Défense, Ile-de-France

Development of an industrialization application for Ansible deployments

I contributed to the development of an application aimed at industrializing deployments with Ansible for a trading platform.

The Orchestrator project was implemented to meet regulatory and internal company requirements, thus providing DevOps and system teams with a modern and elegant solution for deployment, Ansible configuration, as well as monitoring of critical high-availability third-party applications.

My responsibilities included:

- Creation of prototypes and interactive mockups.
- Proposal of architectural solutions.
- Design and development of evolutions.
- Implementation of REST APIs.
- Implementation of different types of tests (unit, regression, integration).
- Correction and tracking of anomalies.

Skills : Dropwizard, MySQL, Ansible, TestNG, Scrum, JIRA, IntelliJ IDEA, Linux, Git, Angular, Java, SQL

Extia - Sonovision (Ortec Group)

Java EE Engineer, July 2016 / January 2017 (7 months), Bagneux, Ile-de-France

Evolutions on the armored vehicle technical documentation management application

I participated in the evolutions of the armored vehicle technical documentation management application.

My work consisted of model evolution and creation of input interfaces for the administration part of a document management application for army armored vehicles.

I also contributed to the design and implementation of quality controls for an E-learning application for Dassault Aviation Rafale clients.

My responsibilities included:

- Design and development of evolutions.
- Creation of new document templates.
- Evolution of the data model.
- Development of the application's administration part.
- Addition of rights and permissions concepts in the application.
- Implementation of tests (unit, regression, integration).
- Correction of anomalies and tracking of their resolution.
- Evolutions on XML transformation tools.

Skills : JavaServer Faces (JSF), Primefaces, Hibernate, JUnit, TestNG, Sonar, Bamboo, MongoDB, Git, Java, SQL

Extia - RATP Smart Systems

Java Angular Fullstack Engineer Consultant, March 2016 / July 2016 (5 months), Noisy Le Grand, Ile-de-France

Evolutions on the passenger information display application for stations

I contributed to the evolutions of the passenger information application for station displays.

This project was adapted for the Orly-Val transport network in preparation for the Euro 2016 football tournament organization.

I implemented evolutions and created templates and modules for the AMIF 2016 (Association of Mayors of Île-de-France) and TP 2016 (Public Transport) exhibitions.

My work included:

- Design and development in an urgent context.
- Creation of new document templates.
- Evolution of the data model.
- Integration and creation of interactive mockups.
- Project internationalization to enable display of messages, waiting times, and passenger information in multiple languages.
- Implementation of tests (unit, regression, integration).
- Correction of anomalies and tracking of their resolution.
- Analysis of response times and performance of partner web services.

Skills : Swagger API, Hibernate, JUnit, MySQL, Jenkins, Sonar, Scrum, Spring Boot, GitLab, Git, Angular, Java, SQL

Extia - MNT

Java Engineer Consultant, November 2015 / March 2016 (4 months), Opéra, Paris

Design and development of a client repository middleware prototype

- Design and development on a critical inter-application repository project
- Implementation of tests (unit, regression, integration)
- Implementation of a microservices architecture
- JMS queue management with ActiveMQ

Skills : Java, Spring Boot, Spring Batch, Swagger, ActiveMQ, Hibernate, JPA, Mockito, Junit, LogBack, Oracle DB

Extia - Coface

Java Engineer Consultant, December 2014 / November 2015 (11 months), Bois-Colombes, Ile-de-France

Java application maintenance and legacy project redesign

- Maintenance and evolutions of business and front-end applications
- Application redesign and white-label conversion
- Implementation of unit and regression tests
- Management of incoming and outgoing XML flows on the calculation part
- Corrections and anomaly tracking

Skills : Java, Spring, Maven, Eclipse, Dimension, Weblogic, Struts, Net UI, JQuery

Extia - Orange

Functional Analyst Consultant MOE/MOA, April 2014 / December 2014 (8 months), Arcueil, Ile-de-France

Design and writing of functional specifications

- Creation of General Functional Specifications for developers, based on business requirements and specifications

- Development follow-up and exchanges with partner components for interconnections and WebServices
- User profiling via CMS-type tool
- WebService interface contracts with partner applications

Several completed projects:

- Echat, to display a Chat-type dialog box on different customer area pages to allow users to interact with advisors
- Optin, allows display of HTML blocks in the customer area when conditions provided via customer profiling are met, to solicit offers, options, etc.
- Premium Call Forwarding, web interface panel in the customer area, to allow customers who have subscribed to the option to finely configure their call forwarding
- Perform, to allow Orange customers to manage their mobile purchase credit
- SHS Homelive, home automation-oriented box, management panels
- Invoice Closure 2014, evolution on electronic invoice management, invoice retention, opening to Mobile, Fixed, Internet universes of a unified web interface.

Skills : Soap UI, Functional specification writing, Daily MOE/MOA project management

Extia - Orange

Java Engineer Consultant, February 2014 / April 2014 (2 months), Arcueil, Ile-de-France

Java EE application maintenance

Maintenance and various evolutions on business component applications destined for decommissioning.

Skills : Java, Maven, SVN, Wicket, Linux, IntelliJ Idea, Eclipse, Soap UI, Mysql, UML

Fullsix - Ekino

Junior Java Engineer, July 2013 / January 2014 (6 months), Levallois-Perret, Ile-de-France

Java Spring application development for SFR online store

- Development of SFR online stores
- Implementation of evolutions on a very high visibility e-commerce application
- Development of complex functionalities
- Participation in technical meetings and organization of development phases in consultation with architects
- Migration from Stripes framework to Spring Boot Thymeleaf
- Reporting

Skills : Java, Maven, Spring MVC, Stripes framework, Oracle, Linux, Hibernate, Thymeleaf

Alyotech Consulting - FranceAgriMer

Project Management Support Consultant and Java/Spring Development, January 2012 / July 2013 (1 year and 6 months), Montreuil, Ile-de-France

- Design, design and implementation of web-oriented Java applications, intranet and extranet.
- Project management support to the project manager.

Skills : Java, Spring, PHP, Html, Css, Javascript, Ajax, Sql, Mysql, Mssql, Oracle, Windows and Linux, Object-oriented programming, UML, Jsf, Richfaces, Hibernate, JPA

FreedomCall

Intranet Application Development Manager, August 2011 / December 2011 (5 months), Montreuil, Ile-de-France

Information system modernization

- Responsible for development and evolution of tools used in intranet
- Creation of specifications, technical documentation, prerequisites, solution development and market solution studies.

Skills : Project management, Software design and modeling, Php, Html, Css, Javascript, Ajax, Sql, Mysql, Mssql, Linux, Object-oriented programming, UML

Altitude Telecom

PHP Developer, August 2008 / February 2010 (1 year and 6 months), Rouen, Haute-Normandie

Application development dedicated to Altitude Telecom customers

- Implementation of Selfcare / Webcare interfaces and Web-services allowing Altitude Telecom customers, as well as Bouygues Telecom Pro customers, to manage and configure the functionalities of their VOIP phones.
- Implementation of internal developments for order management and Back-office.

Skills : Php, Html, Css, Javascript, Ajax, Database, Sql, Mysql, Mssql, Oracle, Windows, Linux, Object-oriented programming, UML

Projects, public sites, and social networks

- **linktr.ee** : <https://linktr.ee/StephaneRobinJob>
- **LinkedIn** : <https://www.linkedin.com/in/st%C3%A9phane-robin-dev-backend-java/>
- **CV at Marstech** : my markdown CV transformed on the fly into web page (<https://cv.marstech.fr/>)
- **Github** : <https://github.com/alkaphreak?tab=repositories&type=source>
- **Medium Articles** : <https://medium.com/@stephane.robin>
- **Neo4J Training** : <https://graphacademy.neo4j.com/u/5e203efb-c21e-4a8c-8ade-2949daf2ef55/>

Hobbies

In no particular order:

- Taekwondo
- Crossfit
- Rollerblading
- Woodworking
- Video games
- Sciences / aerospace
- Science Fiction (Novels, Movies, Series)
- Manga and Animation Films