

Stephane ROBIN

03/02/1983 - (age 38)

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Java Backend/Fullstack Developer

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

Skills

- **Languages** : Java, Kotlin, Groovy, JSP, SQL, HTML, CSS, XML, Json, Javascript, Typescript, PHP
- **Frameworks** : Spring, Spring Boot, Grails, Hibernate, JPA, Thymeleaf, Angular, JQuery, Guava, TestNg, JUnit, Mockito, PowerMock, Spock, Log4j, LogBack, Flogger, Elastic Search
- **Databases** : MySQL, PostgreSQL, Oracle, MongoDB, Neo4J
- **Application server** : Tomcat, Jetty, Glassfish
- **Tools** : IntelliJ IDEA, Eclipse, Git, SVN, Maven, Jenkins, Team City, Sonar, Soap UI, YouTrack, Jira, Confluence, Graphviz, Apache Web Server, Postman
- **Methodology** : Continuous integration/delivery, V-model, Agile, SCRUM, TDD, Responsive Design, UML, ER model (Merise)
- **Systems** : Linux, Windows

School

- DUT University degree in IT
- BTS Technical degree in IT

Languages

- French, born and raised
- English, professional, 695pts TOEIC - Le Havre (FR) University, may 2006
- Spanish, scholar

Trainings / Certifications

- AWS Summit (june 2018)
- Security Bootcamp AWS (april 2018)
- Training CSS3 Expert (april 2018)
- AWS Big Data Webinar (february 2018)
- AWS AWSome Day (january 2018)
- AWS Cert Prep Associate Workshop (january 2018)
- Devvxx (2016 et 2017)
- Training Angular development (2016 et 2017)
- Training Android development (2016)
- Training Bonita BPM (2013)
- Training Oracle PL-SQL (2013)
- Training Java/Java EE, Spring, Jsf, Hibernate (2013)

Experiences

Whoz

Engineer Backend/Fullstack Java, september 2019, Paris, Ile-de-France

Microservices and d'API backend development for a SAAS application

AI tools to boost skills management. For consulting and IT companies, profitability improvement. For medium and large size companies, develop human capital.

Stack modernization with versions update of the different frameworks and toolset (Grails, Spring, ...). Improved performance and processing time for the scalability of the application in anticipation of the arrival of customers with high traffic and intensive use.

- Parallel treatments (Completable Future, Async, Events)
- Functional and technical analysis of the current system
- APIs creation and consumption
- Tests implementation (unit, non-regression, integration, end to end)
- Corrections and anomaly tracking

Skills : Java, Groovy, Spring Boot, Grails, Gradle, Jira, Confluence, Bamboo, IntelliJ Idea, Postman, Linux, MongoDB, New Relic, Neo4J, Angular, Typescript, Git

Aneo - BNP CIB

Engineer Java Fullstack, january 2019 / april 2019 / april 2019, Paris, Ile-de-France

Middleware micro-service and API development

In order to modernize the leveraging application used by BNP CIB's currency trading teams, it was necessary to develop a micro-service middleware layer for interconnection with the IBM AS400 mainframe.

The ability to request the legacy system, cleverly cache and improve overall performance, while simplifying business-level access were the essential elements of the project.

- Functional and technical analysis of the current system
- Conception and presentation of a technical solution
- APIs creation and consumption
- Tests implementation (unit, non-regression, integration, end to end)
- Corrections and anomaly tracking

Skills : Java, Java EE, GWT, Spring Boot, TestNG, PowerMock, Oracle DB, Linux, Redis, SVN, Swagger, Json, Git, Jira, Postman

Aneo - Malakoff Médéric

Engineer Java Fullstack, august 2018 / december 2018 (6 months), Paris, Ile-de-France

Development on a broker application for health-care insurance products

In order to allow migration of the application from React to Angular, with the addition of new features as well, and the merge of activities with a partner company *Humanis*, I had to work on the project *Next* at Malakoff Médéric.

The goal was to provide a modern web platform to support the development of my client's broker business, which accounts for almost half of his sales.

- APIs creation and consumption
- Tests implementation (unit, non-regression, integration, end to end)
- Realization of Gherkin scenarios
- Integration of active HTML models
- Corrections and anomaly tracking
- Support at functional user story writing

Skills : Java, Java EE, Play framework, Angular 6, Json, Protractor, Cucumber, Git, Jira, MongoDB, Docker, IntelliJ Idea, Scrum/Agile, BitBucket, Jenkins, Sonar, Postman

Aneo - E-Attestations

Engineer Java Fullstack, january 2018 / july 2018 (6 months), Massy, Ile-de-France

development of tools and apps, AWS migration

In order to allow future developments on the platform as well as migrate to the cloud, I worked on the design and implementation of an AWS oriented microservices architecture.

From this thought I realized the cutting and transformation of existing applications, as well as produced a new application oriented microservices.

The goal was to provide a modern, resilient, cost-effective, and efficient platform to support the development and scalability of the company.

- Study and realization of an AWS cloud architecture
- Evolution and migration of legacy applications on AWS
- APIs creation and consumption
- Tests implementation (unit, non-regression, integration, end to end)
- SSO Keycloak implementation
- SVN to Git migration
- Setup of a software forge, tools and processes of continuous integration and delivery (CICD)
- Lead dev for a new microservices oriented project
- Setup of a microservices focused logging framework
- RGPD & ISO 27001 compliance
- Integration of active HTML models
- Scrum mastering & daily meeting animation

Skills : Java, Java EE, Spring Boot, Keycloak, Angular (1 & 2+), JSon, PowerMock, TestNG, LogBack, Git, Jira, PostgreSQL, HSQLDB, Linux, IntelliJ Idea, Scrum/Agile, AWS, BitBucket, Jenkins, Sonar

Aneo - Société Générale

Engineer Java Fullstack, july 2017 / december 2017 (6 months), La Défense, Ile-de-France

Tools and app development for trading watchmen team

In order to provide to the *Safe* teams, in charge of monitoring and control the compliance with the rules on trading activities, several Java and Angular applications have been implemented.

Those software are based on the consumption and supply of various APIs, provided by many partners, plain CSV files, insertion and data request in Hadoop datalake...

The objective was to raise risk indicators and anomaly of financial trading transactions.

- Prototype and Integration of active HTML models
- Proposal of software architecture solutions
- Design and development of evolutions
- APIs creation and consumption
- Tests implementation (unit, non-regression, integration, end to end)
- Anomaly correction and tracking
- Evolution of the permissions architecture for controller and Angular layers (back-end and front-end)

Skills : Java, Java EE, Spring Boot, Angular (1 & 2), JSon, PowerMock, TestNG, LogBack, Git, Jira, H2, Linux, IntelliJ Idea, Scrum/Agile

Extia - Euronext

Engineer Java EE, january 2017 / july 2017 (6 months), La Défense, Ile-de-France

Development of an industrialization application for Ansible deployments

To follow the regulator request and internal needs of the company, the Orchestrator project was created to provide for devops and sysadmin a modern and elegant solution for deployment, creation of Ansible configuration, as well as monitoring of third-party applications in a high availability ecosystem.

- Prototype and Integration of active HTML models
- Proposal of software architecture solutions
- Design and development of evolutions
- APIs creation and consumption
- Tests implementation (unit, non-regression, integration, end to end)
- Anomaly correction and tracking

Skills : Java, Java EE, Dropwizard, Angular2, JSon, PowerMock, TestNG, LogBack, Git, Redmine, Mysql, Ansible, Linux, IntelliJ Idea, Scrum/Agile

Extia - Sonovision (Ortec Group)

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

Evolutions of the application of armored vehicles technical documentation management

Evolution of the model and realization of the GUI for the administration part of a document management application for the french army armored vehicles. Realization and QA testing on an E-learning application for Dassault Rafale customers.

- Design and development of evolutions
- Creation of new templates
- Evolution of the data model
- Development of the administration part of the application
- Implementation of rights and permissions concepts in the app
- Tests implementation (unit, non-regression, integration, end to end)
- Anomaly correction and tracking
- Evolution on XML transformation tools

Skills : Java, Java EE, JSF, PrimeFaces, JSon, Hibernate, JPA, Mockito, PowerMock, TestNG, Junit, LogBack, Git, Bamboo, Sonar, SVN, Confluence, Jira, MongoDB

Extia - IXXI (RATP Group)

Engineer Java EE, march 2016 / july 2016 (5 months), Noisy Le Grand, Ile-de-France

Evolutions on the passenger information display application for rail/bus station

Project to adapt, for the Orly-Val transport network, for the organization of the Football Euro 2016. Evolution and creation of templates and modules for the AMIF 2016 (Mayors of Ile de France Association) and TP 2016 (Public transportation) show.

- Design and development on an urgent project
- Creation of new templates
- Evolution of the data model
- Prototype and Integration of active HTML models
- Internationalization of the project for displaying multilingual messages, waiting times and traveler information
- Tests implementation (unit, non-regression, integration, end to end)
- Anomaly correction and tracking
- Analysis of response times and performance of partner web services

Skills : Java, Java EE, Spring Boot, Mysql, Angular JS, Swagger, JSon, Hibernate, JPA, Mockito, Junit, LogBack, Git, Gitlab, Jenkins, Sonar

Extia - MNT

Engineer Java EE, november 2015 / march 2016 (4 months), Opéra, Paris

Design and development of a POC for a customer identity repository middleware

- Design and development on a critical project of inter-application repository.
- Tests implementation (unit, non-regression, integration, end to end)
- Microservices software architecture

- JMS publish/subscribe with ActiveMQ

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

Extia - Coface

Engineer Java EE, december 2014 / november 2015 (11 months), Bois-Colombes, Ile-de-France

Java EE legacy application maintenance and project redesign

- Maintenance and evolutions of backend and frontend stack
- Redesign of the application, and transform in white label
- Tests implementation (unit, non-regression)
- Management of incoming and outgoing XML flows on the calculation part
- Anomaly correction and tracking

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

Extia - Orange

Main contractor and business analyst, april 2014 / december 2014 (8 months), Arcueil, Ile-de-France

Design and writing of functional specifications

- Writings of general functional specification for developers, from business logic and marketing needs
- Day to day follow-up of developments, and exchanges with partner software bricks for interconnections and WebServices enhancement
- Profiling of users via a CMS type tool
- WebServices interface contract with partner applications

Achieved projects :

- Echat, to display a Chat type dialog box on different pages of the customer area to allow users to interact with marketing and technical advisors
- Optim, allows the display of HTML code block in the customer area when the conditions foreseen via profiling of the customer are met, to solicit on offers, options, etc...
- Renvoi d'appel Premium, web interface panel, in the customer area, to allow users who have subscribed to the option to fine-tune their call forwarding
- Perform, to enable Orange customers to manage their mobile purchase credit
- SHS Homelive, home automation oriented box management panel
- Arrêté facture 2014, evolution on the management of the electronic invoices, conservation policies, opening to the worlds Mobile, Fixed, Internet in an unified web interface.

Skills : Soap Ui, Writings of general functional specification, Day to day project management

Extia - Orange

Engineer Java EE, february 2014 / april 2014 (2 months), Arcueil, Ile-de-France

Java EE app maintenance

Maintenance and various evolutions on legacy applications.

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

Fullsix - Ekino

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

development d'applications java J2E/Spring pour la boutique en ligne de SFR.

- Development of SFR online shops.
- Implementation of evolutions on an e-commerce application with very high visibility
- Development of complexes functionality
- Participation in technical meetings, and organization of early development phases and consultation with software architects
- Reporting

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

Alyotech Consulting - FranceAgriMer

Project management support and Java / Spring development, january 2012 / july 2013 (1 year and 6 months), Montreuil, Ile-de-France

- Design, and realization of Java Web applications, intranet and extranet
- Project management support

Skills : Java Java EE, Spring, Php, Html, Css, Javascript, Ajax, Sql, Mysql, Mssql, Oracle, Windows et Linux,
Programmation orientée objet, UML, Jsf, Richfaces, Hibernate, JPA

FreedomCall

Responsible for the development of intranet applications, august 2011 / december 2011 (5 months), Montreuil, Ile-de-France

Modernization of the information system

- Responsible for the development and evolution of the tools used on the intranet
- Realization of specifications, technical documentation, pre-requisites, development of solutions and studies of market solutions

Skills : Project management, Software Design and Modeling, Php, Html, Css, Javascript, Ajax, Sql, Mysql, Mssql,
Linux, Object oriented programing, UML

Altitude Telecom

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

Development of applications dedicated to Altitude Telecom customers

- Achievements of Selfcare / Webcare interfaces and web-services, enabling Altitude Telecom's customers, as well as Bouygues Telecom's Pro customers, to manage and configure the functionality of their VOIP phone
- Realization of internal developments for the Order Management and the Back-office

Skills : Php, Html, Css, Javascript, Ajax, Base de données, Sql, Mysql, Mssql, Oracle, Windows, Linux, Object oriented programming, UML

Projects, public website, and social networks

- **Marstech** : showcase website (<https://marstech.fr/>)
- **CV at Marstech** : my markdown resume transformed on the fly in web pages with CICD (<https://cv.marstech.fr/>)
- **Md2pdf** : script to transform a markdown file PDF file (<https://bitbucket.org/marstechteam/md2pdf>)
- **WS-Postal** : Self-hosted mailing API (<https://bitbucket.org/marstechteam/ws-postal/src/master/>)
- **Linkedin** : <https://www.linkedin.com/in/st%C3%A9phane-robin-55741017a/>
- **Bitbucket** : <https://bitbucket.org/marstechteam/>
- **Github** : <https://github.com/alkaphreak>
- **Stackoverflow** : <https://stackoverflow.com/users/3360026/freak0>
- **StackShare** : <https://stackshare.io/alkaphreak/marstech#stack>
- **Slack** : <https://marstech.fr/slack.php>

Hobby

Unordered :

- Taekwondo
- Rollerblade
- Woodwork
- Video games
- Sciences / aerospace
- Science Fiction (Novel, Movies, TV-Shows)
- Mangas et Anime
- RC car