

Marcos Agostta



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Software Developer with 7+ years experience with a degree in Bachelor of Computer Science and specialization in enterprise application development. Solid skills to provide a quality software using proper Design Patterns, take decisions about the Architecture and a Clean Code.

Skills

- Advanced skills in Programming.
- Solid understanding of MicroServices and service-oriented architecture.
- Capacity for architecting solutions, taking decisions and solving problems.
- System analysis, solution modeling and creation documentations and UML diagrams
- Expert level knowledge with object-oriented programming, clean code programming, SOLID, and design patterns.
- Bugs handling pattern and logging.
- Integrations testing, Unit testing and mock frameworks. Performance testing.

Technologies

Programming

Advanced skills in Java design, development and frameworks. JEE7, JDK8.

Solid skills with Android Development.

Full Stack skills with Java and Angular 9 using TypeScript

JavaScript ES6/NodeJs/MEAN/API Restfull/Authentications/Security/Architecture

C#/Asp.net/Web Form/MVC.

Java frameworks/Specifications

Spring [MVC | Boot | Data | Security | Config]

JSF, EJB3, JAX-WS, JAX-RS, JPA, Servlet, JMS, Security,

Hibernate, Apache Camel (and EIP), Retrofit, Angular and others.

Solution Architecture

Solid understanding of micro services and service oriented architecture.

Capacity to architect solutions, take decisions and solve problems.

System analysis, solution modeling and creation documentations and UML diagrams.

Development

Openshift development, application deployments, installation and configuration.
Expert level knowledge with object-oriented programming, clean code programming, SOLID, and design patterns.
Defect handling pattern and logging.
Integration testing, Unit testing and mock frameworks. Performance testing.
Maven and Gradle experience.

Web services

Solid knowledge to create and consume web services. SOAP (XSL/T, XML Schema, WSDL) and Restful.

Source Control System

Solid understanding and usage of SVN, GIT.

DevOps

Openshift - Yaml files configuration, software installation and environment management.

Docker and Containers knowledge.

Jenkins – Continuous Integrations, Continuous Delivery and Pipelines.

Cloud management and architecture, Health check, Remote Logging, experience in Shell Scripting, Ant Scripting, and Linux knowledge.

Experience with Cloud infrastructure (AWS EC2), create, configure, manage and destroy instances.
Connections SSH, Putty etc.

DBMS

Knowledge of relational DBMS, SQL, PL/SQL, Procedures/Triggers and non-relational DB.

Agile

Team leadership Agile Scrum.

Certifications

- Oracle JAVA SE Programmer I and II.
- Red Hat Delivery Specialist - Openshift Platform-as-a-Service (PaaS).
- Red Hat Delivery Specialist - Openshift Container Platform Administration.
- Red Hat Delivery Specialist - Openshift Container Platform Deployment.
- Microsoft ASP.Net MVC, Microsoft Programming in HTML5 with JavaScript, Microsoft Programing in C#
- ITIL V3 Foundation.

Experience

SEP 2017– PRESENT

Consultant / Opticca Consulting, Montreal

Development with Java, Spring, Microservices, Openshift Deployment, Integrations following Enterprise Integration Pattern using Apache Camel, DevOps, CI/CD(Jenkins, and Blue-Green deployment), Docker Containers, Shell Scripting with Ansible and Drools.

Healthcare Network Partners - Italy

Develop, maintain and implement new features in the project healthcare space. Software Architect working as a full stack with Java, Angular, TypeScript and ReactRX.

- Responsible for Design the solution to bring new features updates.
- Focus in microservices Architecture.
- Java 8. Backend Spring Boot and Spring Data.
- Angular 6, 7 and 8. Many migrations.
- TypeScript and ReactRX
- AWS Cloud based
- Pipeline integration for CI/CD with Travis.
- Development of Unit Tests and Integration tests.
- Integration tests.
- Flyway for db versioning.

NodeJS Backend Server

Create from zero a backend server for a company in the game sector.

- Responsible for Design the solution and architect.
- Took decisions related to technologies, infrastructure and deployment.
- Frontend development with AngularJS using JavaScript
- AWS Cloud based.
- NodeJS with JavaScript and TypeScript.
- Unit test with Chai and Jasmine
- Unit tests creation using jasmine.
- Restful API using express.js
- DDOS protection using express-rate-limit.
- Authentication using Java Web Token.
- Deployment in AWS using Elastic Beanstalk.
- Database using AWS DynamoDB.
- Cache using AWS ElastiCache (Redis)

SHX Integration

Integration between an ERP and Mtrix. Technologies: Java + Apache Camel.

- Responsible for architect and development of the solution.
- Development of integration using Enterprise Integration Process.
- Roadmap creation, estimation and planning.
- Team management. Technical leader.
- Microservice architecture design and document creation.
- Unit tests.

Government of British Columbia legacy migration to Openshift platform

Project to migrate old applications/technologies to a Java microservice architecture on Openshift cloud.

- Responsible for Design the solution and Java development.
- Focus in microservices Architecture with Openshift deployment.
- Development of a high availability solution integrated with monitoring tools such as Splunk and Zipkin.
- Java 8. Backend Spring Boot, Spring Data.
- Pipeline integration for CI/CD in different environments using Blue-Green deployment.
- Development of Unit Tests and Integration tests.
- Integration tests with H2 for database mocking.
- Part of the agile team using Scrum. Use of Jira.
- Software documentation on Confluence.

Telus integration with Apache Camel

Integration project to orchestrate and process the exchange of FHIR messages for healthcare information between different systems.

- Responsible for Java development.
- Deployment on Openshift on cloud.
- Focus in Microservices Architecture.
- Java 8. Backend Spring Boot, Spring Data Apache Camel (EIP).
- Development of Unit Tests.
- Integration tests with H2 for database mocking.
- Part of the agile team using Scrum. Use of Jira.

Videotron migration from WebMethods to Apache Camel

Project to migrate an integration to microservices using Spring Boot and Apache Camel.

- Responsible for development.
- Focus in Microservices Architecture.
- Java 8. Backend Spring Boot, Spring Data Apache Camel (EIP).
- Development of Unit and Integration Tests.
- CI/CD pipelines creation.
- Remote logging and monitoring.

MAY 2015 – MAY 2017

Application Consultant / Hewlett Packard Enterprise, Araraquara-São Paulo

Development with Java, JavaScript, AngularJS, Spring, Bootstrap, Architecture, Microservices, Scrum, Cloud, Jenkins. Database integrations and updates using Apache Camel.

JUL 2013 – APR 2015

Software Developer / S2IT, Araraquara-São Paulo

Development with Java, JavaScript, AngularJS, Spring, Bootstrap, Architecture, Microservices, Scrum, Kanban, Jenkins, Cloud.

DEC 2011 – DEC 2013

Software Developer / Cast Informática, Araraquara-São Paulo

Development with Java, ASP.NET C#, Spring, JSF, JSP.

Education

DEC 2016

Specialization Lato Sensu in Mobile Development / Institute
Federal of São Paulo, São Carlos-São Paulo

DEC 2013

Bachelor of Computer Science/ UNIP, Araraquara-São Paulo

Languages

- Portuguese: native language
- English: fluent (speaking, reading, writing)