



SOFTWARE ENGINEER

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ABOUT ME

I am a passionate and dedicated Software Engineer with extensive knowledge in Java, Spring Boot, React, AWS, Docker, and Jenkins. With nearly four years of professional experience, I have honed my technical expertise and developed strong soft skills. In my current role as a Senior Software Engineer at Ayesa Advanced Technologies, I have successfully managed a team of four developers, effectively generated technical documentation, including interfaces, APIs, and various types of diagrams. My commitment to continuous learning and development, both professionally and personally, drives my success in the fast-paced world of software engineering.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER March 2022 to Present (more than 2 years)

Ayesa Advanced Technologies, a global company that provides software services across various industries

In my role as a Senior Software Engineer, I work with a diverse range of technologies and responsibilities, including:

- **Backend Development:** Java 11+, Spring Boot, Spring MVC, Microservices architecture.
- **Frontend Development:** React, TypeScript, Flutter (mobile app development)
- **Databases:** MongoDB, PostgreSQL (relational and non-relational databases)
- **Communication Mechanisms:** REST APIs, Grpc, WebSockets, Kafka and RabbitMQ.
- **Atlassian Suite:** JIRA, Confluence
- **Testing:** Unit and integration testing with Spring Boot, JUnit, Mockito
- **DevOps:** Docker, Jenkins and AWS User.
- **Protocols:** OCPP 1.6 for communication between electric chargers, electric vehicles, and central control systems
- **API Documentation:** Open API Swagger
- **Version Control:** GIT / GIT Lab
- **Agile Methodologies:** Scrum
- **Documentation:** Technical documenteation writing comprehensive documentation of functional requirements for the team and clean and well redacted documentation after development. Generate API documentation, integration diagrams, flow diagrams...

SOFTWARE DEVELOPER November 2020 to March 2022 (1 year, 4 months)

Konecta BTO.

In my role as a Junior Software Developer I was involved in a full stack world with diverse responsibilities such as:

- **Backend Development:** Java 8+, Spring Boot, Spring Batch on cloud microservice architecture.
- **Frontend Development:** ReactTS.
- **Databases:** Oracle
- **AWS:** Elastic Beanstalk, S3 Buckets, EC2 and Cloud Watch as deployment and control tools for our applications.
- **Communication Mechanisms:** RESTful APIs, RabbitMQ
- **Testing:** Unit and integration testing with Spring Boot, JUnit, Mockito
- **DevOps:** Docker, Jenkins
- **API Documentation:** Swagger
- **Version Control:** GIT
- **Agile Methodologies:** Scrum
- **Documentation:** Comprehensive documentation of developed software.

SKILLS

Coding Languages and Frameworks / Libraries:

Java, Typescript, Javascript, Node, Dart, HTML, CSS.

Spring Boot, React, Flutter, Node JS, Express JS.

Architecture:

Distributed system design and Microservices

DevOps and CI/CD:

Docker, Jenkins and AWS user.

Communication Mechanisms:

REST API, GrPC, RabbitMQ, Kafka and Websockets.

Cloud:

AWS EC2, AWS Cloud Watch, AWS S3 Buckets, AWS S3 Congnito.

Atalassian Suite:

Jira, Confluence

PROJECTS

Outnow mobile app. (Currently)

- Outnow is a mobile app developed using Flutter, Dart and two microservices written with Java 17 and Spring Boot.
- It integrates Stripe to manage the payments from the application.
- Uses PostgreSQL
- Google Map places for the location.
- QR Generation and refresh for security.
- Deploy with an EC2 AWS instance

Furniture web. 2024

Web application designed to manage the inventory of a furniture shop,

- Built with React and Typescript for the frontend and Java 17 with Spring Boot for the backend.
- Uses PostgreSQL
- Deploy with AWS EC2 instance

I have implemented more personal projects or small projects that I have located on my github account. I will be pleased to share or show this projects with all detail if it is needed.

EDUCATIONAL BACKGROUND

Computer Engineering. Software Engineering.

Institution: University of Seville

Year of Graduation: 2021

Average grade: 7.9

Bachelor of Science in Computer Science

Institution: Antonio de Nebrija

Year of Graduation: 2017

- Best science expedient
- Average grade: 9.2

LANGUAGE SKILLS

In terms of speaking and writing i have a lot of facilities with languages, because I grow up on a multicultural family where many languages are always spoke at the same time. By the way, my actual skill are the next:

- Arabic (Native)
- Spanish (Native)
- B2 English First Level - 2022.
- A2 French - 2020

COURSES

2024 - DevTalles

Flutter Intermedio: Diseños profesionales y animaciones. Fernando Herrera.

2024 - DevTalles

Flutter - Mobile: From zero to expert. Fernando Herrera.

2023 - Udemy

RabbitMQ In Practice. Piotr Zuk

2022 - Udemy

Microservicios y APIs REST con Spring Boot, OAuth2 y Docker. Adrian Soto Botero.

2022 - Frontend Masters

Intermediate React, v4. Brian Holt.

2022 - Frontend Masters

Complete intro to React, v7. Brian Holt.