ALONSO ESCAMILLA
SOFTWARE ENGINEER

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RESUME

Software engineer passionate about continuous learning, with over three years of experience in application design, development, testing, implementation, and maintenance. I have developed applications in a full-stack role, as well as RESTful APIs with Spring, and developed robust, high-performance solutions, deploying them in on-premise environments as well as in the cloud with AWS. Proven ability to lead agile teams (SCRUM/Kanban), improving efficiency and communication for successful project delivery.

SKILLS

- **Languages**: Professional english, native spanish
- **Backend**: Java , Spring Boot, JPA, Hibernate, Maven, Linux, Postman, SoapUI
- **Databases**: Oracle DB, PostgreSQL, Mysql, MongoDB
- **Cloud**: AWS (EC2, Lambda, S3, RDS, DymanoDB), Docker
- **QA and security**: JUnit, Mockito, SonarQube, Fortify, CheckmarX
- **Dev tools**: Git (GitLab, Bitbucket, GitHub), ServiceNow, JIRA, WebLogic, Control-M

EXPERIENCE

Software Engineering Analyst Sr   **Accenture**   **2022 - Current**

- Actively participated in the **collection** and **analysis** of **technical** and **business requirements** with internal and external stakeholders, including teams in the **US**, translating them into functional specifications for the **backend and frontend development teams**.
- **Design** and **development** of **web services SOAP** and **RESTful** using **Java**, **Spring Boot**, **Maven** and **JPA**, with persistence in **Oracle DB**.
- **I led** the development of a **full-stack** application for **managing on-demand software packages** in an enterprise environment using **Java, Springboot, JWT, Weblogic, Angular, Typescript**, and **StoreProcedures**.
- I design and implement upgrades for **critical applications** in a financial environment for the transformation and transfer of **encrypted files** using **Java, SFTP, Bash shells, certificate encryption**, and **AFT batch processes**.
- Implemented comprehensive **unit** and **integration testing** with **JUnit** and **Mockito**. Implemented **static** and **dynamic analysis** with **SonarQube**, **Fortify**, and **CheckmarX** for code security and quality, identifying and remediating critical vulnerabilities.
- **Diagnosing** and **resolving** production issues in **Linux/Unix** environments, performing **root cause analysis** and analyzing logs and metrics to ensure service continuity for critical backend applications.
- Experience deploying applications in **on-premise** (**Weblogic**) and **cloud** (**AWS EC2** and **AWS Lambda**) environments.
- Proactive monitoring of **critical backend application** processes and workflows using **Control-M** for early anomaly detection to ensure scheduled execution.
- Experience creating useful **project documentation**, including **use case diagrams**, **data dictionaries**, **flowcharts**, **test cases**, **screen sketches**, and **technical manuals**.

Analista de sistemas jr   **Motum**   **2021 - 2022**

- **Development** and **maintenance** of backend **RESTful** services for web applications using **Spring Boot** and **Java 8**, with interaction with **Angular 8** for the MotumWeb2 portal.
- Proactively resolving development tickets in **JIRA**, improving the functionality and stability of the MotumWeb2 portal.
- Managing source code version control on **GitHub** and **GitLab**, ensuring team integrity and collaboration.
- Maintaining and optimizing **SQL statements** in **PostgreSQL** to ensure database performance

EDUCATION

- **2017 - 2022 | Software Engineering Degree** | Universidad Veracruzana
- **2021 | Scrum fundamentals Certified** | SCRUMstudy
- **2021 | Microsoft Azure AZ-900** | Microsoft azure

ACHIEVEMENTS

- **2024 |** Object-Oriented Programming (Java) mentor for university students at Accenture academies, sharing knowledge and fostering the development of future generations of talent.
- **2022 |** Development of the "Mercadito" e-commerce platform for the sale of local artisan products.
- **2020 |** "Mi pedido" web dashboard, a web portal created for real-time order tracking.
- **2020 |** "Blink News" web portal developed with Angular, Spring and JPA deployed on a VPS.
- **2019 |** Winner of the HERE challenge at UNAMxHacks developing an Android app for locating seniors.
- **2018 |** RunnerUp SG Hackatour developing a virtual keyboard so people with disabilities can communicate through blinking.