

NAREN AVILA – LEAD SOFTWARE ENGINEER

SUMMARY

Experienced Lead Software Engineer with a proven track record in the computer software industry. Specialized in developing robust back-end solutions using Java, Spring Boot, Amazon Web Services, and Oracle databases. With a history of successfully coordinating technical teams, I consistently deliver exceptional results within deadlines. My strengths extend beyond technical expertise; I possess excellent communication skills, am good at simplifying complex concepts for both technical and non-technical stakeholders. I'm known for my receptiveness to learning and open-mindedness. Ready to contribute my expertise and leadership to drive innovation and excellence

Key achievements

The development of an innovative feature for creating JIRA issues asynchronously. To achieve this, we employed a message-based interprocess communication pattern using Amazon SQS. This approach allowed us to decouple the process of issue creation from the main application flow, improving system responsiveness and scalability. By using message queues, we ensured that JIRA issue requests were processed efficiently, even during high-demand periods, and that any potential errors or issues were effectively managed and addressed

Skilled in Spring, Java Core, Motivation, Mentoring, Communication, Java, Java 8, Spring Core, Spring Boot, Software Development

SKILLS

Academic Disciplines

- **Humanities:** Spanish, English
- **Applied Sciences:** Design patterns, Software Development, Engineering, SOLID (object-oriented design principles), Microservice Architecture Pattern, Software Quality

Consulting Practice

- **Business Consulting:** E-Learning

Engineering Practices

- **Intelligent Enterprise:** Oracle Database Server. Data Objects, Oracle Database Server. Performance tuning, Oracle Database Server. Database Structure
- **Infrastructure & Operations:** Setting SMART Goals and Objectives
- **Digital Engagement:** Java Core
- **Cloud:** SQL Scripting, Continuous Integration Development & Maintenance, DevOps, Security, Continuous Delivery Development & Maintenance, Containerization
- **Management:** Management
- **Advanced Technology:** Software Engineering Practices, Engineering Excellence, Technical Architecture, APIs and Integration, CI/CD, Estimation and Work Planning, Scrum Master

Leadership & Soft Skills

- **Leadership:** Mentoring, Professional Development Planning
- **Communication:** Communication

Managerial

- **Project Management:** Schedule and Roadmap management, Project planning, Project estimations
- **General Management:** Software Development Methodologies, Agile, Scrum, Interviews
- **People Management:** Motivation, Coaching
- **Product Management:** Product Ownership

Technologies

- **Data:** H2, Databases, JDBI
- **Framework:** Spring Data, Cucumber, Hibernate, Spring Core, Spring Boot, Play Framework, Mockito, Spring, Apache Maven, React-Bootstrap, slf4j, Redux, AWS Cloud Adoption Framework, Netflix Eureka, Spring MVC, ReactJS
- **IDE:** Eclipse
- **Other:** Apache ActiveMQ Classic, Cross-browser compatible HTML/CSS markup, Spring Cloud Config
- **Library:** Spring Cloud Gateway, React Router
- **Web/Application Server:** Web Services, Apache Tomcat
- **Solution:** Jenkins, AWS Elastic Beanstalk, Apache POI, PuTTY
- **Computer Language:** Java, Java 8, Oracle PL/SQL, SQL
- **Platform:** Docker, Amazon Web Services

WORK EXPERIENCE

May-2022 - Till now (Nov-2023) - Disaster Recovery, EPAM Systems, <https://www.epam.com/>

Customer: Atlassian

Customer Description: Atlassian company that develops products for software developers and project managers

EPAM Project Description: Build product-based dashboards with insights for Leadership / Engineering to highlight if there are any problems and take actions on those

Team Size: 4 Developers, 1 Team Lead (Me), 1 Architect, Delivery Manager

Project Roles: Backend Lead

Responsibilities:

- Break down functional requirements into small tasks to achieve the sprint objectives
- Follow up on the tasks developed by team members, provide support when necessary, and always finish on time
- In charge of making partial deliveries in the DEMOS with the client
- Deployments to production
- Participated in the development of architectural solutions together with the team of architects
- Mentored team members

Tools and Technologies: DynamoDB, IntelliJ IDEA, Docker Desktop, Postman, Atlas CLI, Bitbucket Pipelines, Splunk, Confluence, Jira, Java 17, Spring Boot 3, Maven, DynamoDB, Docker

May-2021 - Dec-2021 - Senior Java Developer, SalsaMobi

Customer: S&B Engineers a company focus on solve engineering and construction challenges

Project Description: Cost-App / Cost-API - Development of a system to control changes in the engineering projects of the company S&B Engineers

Team Size: 1 Project Coordinator, 1 Software Architect, 1 Business Analysts, 3 Developers (Including me)

Project Roles: Senior Java Developer

Responsibilities:

- Helped in making technical decisions related to the development of the backend
- Built a bus in Java to use the command query responsibility segregation pattern
- Code review
- Onboarded new team members

Tools and Technologies: Oracle, Eclipse, Postman, DBeaver, PuTTY, Visual Studio Code, Java 8, Maven, Spring Boot, ReactJS, Redux, AG Grid

May-2019 - May-2021 - Java Developer, Globant, Medellin

Customer: K12 a provider of online learning for many virtual public schools, as well as homeschooling

Project Description: K12: Refactor of method of authentication and authorization for LRNX and LMS, the two main systems of the company's e-learning platform

Team Size: 1 Scrum Master, 1 Infrastructure Architect, 3 Quality Engineer , 2 System Engineers (Including me)

Project Roles: Java Developer

Responsibilities:

- Worked on several developments that allowed the security code to be decoupled from the other components of the system
- Participate in various discussions to determine the solution to issues we encountered in development
- Worked alongside the QA team on several occasions to ensure the quality of the product under development

Tools and Technologies: Oracle, Eclipse, Postman, Java 8, Maven, Spring boot, Spring Web, Jenkins, AWS services, AngularJs

Sep-2019 - May-2020 - Java Developer, Globant

Customer: United Airlines a major American airline that operates large domestic and international flights

Project Description: TurnMetrics project, a system with several microservices that capture messages from Kafka queues, transform them and then publish them into other queues

Team Size: 1 Project Coordinator, 1 Tech Lead, 3 System Engineers

Project Roles: Java Developer

Responsibilities:

- Implemented microservices that read messages from Kafka queues, transform, and publish them into another queue

- Ensured the quality of the code developed with Junit and Mockito
- Code review
- Participated in weekly sprint meetings

Tools and Technologies: Oracle, Kafka queues, Eclipse IDE, PuTTY, Postman, DBeaver, Java 8, Maven, Spring Boot and Kafka

Jan-2019 - Sep-2019 - Software Developer, Seven4N

Customer: Sura qiip an app that helps improve people finances

Project Description: QIIP an app that promotes well-being and financial education through Coaching and smart savings

Team Size: 1 Project Manager, 1 Software Architect, 1 Team Lead, 4 Developers (Including me)

Project Roles: Software Developer

Responsibilities:

- Software development under Scrum development methodology
- Implemented functional tests using cucumber
- Participated in sprint meetings
- Code review

Tools and Technologies: Postgres SQL, IntelliJ IDEA, Postman, DBeaver, Java 8, Play Framework, EC2, Amazon Cognito, CloudWatch, Lambdas

Feb-2018 - Nov-2018 - PLSQL Developer, Open International

Customer: Open International a company that provides technology to manage critical processes of utilities and telecommunications companies

Project Description: SmartFlex - software for managing utility services

Team Size: 1 Tech Lead, 5 Software Developer

Project Roles: Back End Developer

Responsibilities:

- Participated in the design of solutions for SmartFlex requirements, related to processes of the utilities industries such as billing and calculation of consumption
- Implemented stored processes in Oracle
- Worked on refining SQL queries to have better performance in the SmartFlex application

Tools and Technologies: Oracle, SmartFlex, Oracle SQL Editor, PLSQL, Oracle, Java