

Eduardo Daniel Oseguera Mendoza

AI Software Engineer · Full Stack Engineer

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Summary

Software Engineer with 8+ years building scalable, high-performance systems across fintech, banking, healthcare and e-commerce. Proficient in Java, Spring Boot, React and JavaScript, with solid experience in microservices, event-driven architecture, AWS, Kafka and CI/CD. Delivers business-critical solutions, raises reliability and code quality, and applies AI in production and across the development workflow to ship faster.

Skills

Languages & Frameworks: Java, Spring Framework / Boot / Cloud, PHP, Laravel, JavaScript, React

Data & Messaging: MySQL, Oracle, PostgreSQL, DynamoDB, OpenSearch, Kafka, RabbitMQ, ActiveMQ

Cloud & Tools: AWS (EC2, S3, RDS, Lambda, SNS, SQS), Linux, Git, Docker, Kubernetes, Jenkins, CI/CD, OpenShift

AI & Automation: Agentic development workflows (Claude, OpenCode, Cursor, Devin AI), MCP integrations, n8n automation, prompt engineering, production document AI / OCR (Extend.ai)

Work Experience

Software Engineer Expert

May 2025 – Present

Clara, Remote

- Worked with an agentic AI development workflow — Claude, OpenCode, Cursor and Devin AI wired via MCP, plus reusable skills and n8n automations — cutting coding and bug-fix time by 80%.
- Implemented and executed an agile methodology combining BDD and Spec-Driven Development (SDD) with AI agents and end-to-end testing in Cucumber, automating quality assurance and accelerating delivery by 70%.
- Integrated AI-powered document extraction (Extend.ai OCR) into the expenses product, automating data extraction and validation from expenses documents.
- Worked across the core money-movement flows of the payments platform — transactions, refunds, supplier payments and invoicing — shipping initiatives such as custom fields and direct integrations with providers like SPEI and Tapi.
- Designed and implemented alerting for low funds and failed payments, giving the product team proactive visibility and cutting payment processing errors by 70% weekly.
- Built a partner checkout with custom commission rates and volume-based pricing, increasing monthly revenue by 15%.
- Reduced data inconsistencies between microservices and external systems by 90%, and tech debt by 30% per sprint by automating manual operational tasks.
- Tech stack: Java, Spring Boot, Kafka, PostgreSQL, OpenSearch, Docker, Kubernetes, OpenShift, AWS, GitHub Actions, Cucumber.

Software Engineer

February 2024 – May 2025

Grid Dynamics, Remote

- Migrated a deprecated Grails gateway to secure microservices and micro frontends, removing security vulnerabilities and improving scalability by 60%.
- Developed key product features with stakeholders, supporting platform growth across VISA's \$32B+ ecosystem.
- Increased code quality to 90% by improving coverage, refactoring legacy code and reducing technical debt.
- Tech stack: Java, Spring Boot, Eclipse Vert.x, JavaScript, React, Kafka, Oracle, Kubernetes, Jenkins.

Software Engineer III

January 2022 – February 2024

Wizeline, Guadalajara, Jalisco, Mexico · Remote

- Contributed to the migration from monolith to microservices and event-driven architecture, building licensing and provisioning gateways and improving performance and scalability by 70% at Nextiva.
- Led the architecture and development of a new enterprise membership auto-renewal product for The Washington Post, improving performance by 90% and supporting \$50M+ in recurring revenue.

- Led an internal project, mentoring engineers and guiding best practices to deliver scalable full-stack solutions.
- Tech stack: Java, Spring Framework/Boot/Cloud, JavaScript, React, PHP, Laravel, Kafka, RabbitMQ, Oracle, AWS, Cucumber.

Senior Software Engineer

September 2021 – January 2022

Softtek, Guadalajara, Jalisco, Mexico · Remote

- Developed and maintained new microservices for 24 Hour Fitness, aligned with business requirements.
- Refactored the class scheduling platform, improving booking efficiency and system scalability by 40%.
- Improved code quality by 80% by increasing coverage, refactoring legacy code, and reducing technical debt.
- Tech stack: Java, Jakarta, Spring Framework/Boot, ActiveMQ, Apache Ignite, MySQL.

Application Developer (Intern → Full-Time)

December 2020 – September 2021

IBM, Guadalajara, Jalisco, Mexico · Remote

- Developed and tested features for energy (Naturgy) and e-commerce (El Palacio de Hierro) platforms, improving system reliability by 25%.
- Monitored and validated SAP & Salesforce services for 99.9% uptime, and built an internal Salesforce project for client demos.
- Tech stack: JavaScript, Salesforce, Apex, Lightning Web Components, Visualforce.

Senior Software Engineer

August 2018 – December 2020

Tangramx Solutions / Contractor, Remote

- Led the full development cycle — architecture, implementation, testing, deployment and support — improving client processes by 90% and increasing new revenue by 70%.
- Improved system performance by 95% by eliminating N+1 queries and implementing asynchronous processing.
- Designed and implemented CI/CD pipelines, enhancing deployment speed and efficiency by 90%.
- Provided leadership and mentoring through code reviews, knowledge sharing, and best practice enforcement.
- Tech stack: PHP, Laravel, Java, Spring Boot, JavaScript, React, MySQL, AWS, Docker, Jenkins.

Software Engineer

August 2017 – July 2018

Morisqueta / Contractor, Uruapan, Michoacán, Mexico · Hybrid

- Architected and delivered full-stack solutions for multiple clients — CMS platforms, ERP systems and mobile apps — from concept to production.
- Cut project initialization time by 65% (backend) and 55% (frontend) with reusable boilerplate templates and project skeletons.
- Engineered self-service web apps with Google Maps and PayPal integrations and published mobile apps to App Store and Play Store using React Native and Xamarin Forms.
- Tech stack: PHP, Laravel, Java, Spring Boot, JavaScript, React, Xamarin Forms, MySQL.

Software Engineer Intern

January 2016 – June 2016

Inoventrix, Uruapan, Michoacán, Mexico · On-site

- Architected and developed internal ERP applications from ground up, designing normalized database schema and implementing RESTful APIs with authentication/authorization layers.
- Built responsive frontend interfaces and integrated with backend services to deliver complete business management features.
- Tech stack: PHP, Laravel, JavaScript, React, Angular, MySQL.

Education

Instituto Tecnológico Superior de Uruapan

August 2016 – September 2021

Bachelor's degree in Computer Systems Engineering, Uruapan, Michoacán