

Pedro Garduno

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Senior software engineer with 18+ years across enterprise, fintech, e-commerce, and entertainment. Strong debugging and system design, shipping product end-to-end across frontend, backend, and infrastructure. Operates with an AI-first workflow inside a Fortune 100 platform – Claude, CLAUDE.md context engineering, LLM-assisted planning and review.

SKILLS

Languages: Java, Kotlin, TypeScript, JavaScript

Frameworks: Spring Boot, React, Next.js, Node.js, NestJS

Cloud & Infrastructure: AWS, Kubernetes, Docker, Linux

Databases: PostgreSQL, Oracle, DynamoDB, MongoDB, Cassandra

AI & Developer Tooling: Claude, CLAUDE.md context engineering, LLM-assisted planning and code review

Tools: Kafka, Elasticsearch, Splunk, Jenkins, GitLab, Git, Mulesoft Anypoint Platform

EXPERIENCE

The Walt Disney Studios (www.disneystudios.com) – *Senior Software Engineer*

Oct 2025 - Present

- Build full-stack features end-to-end on the Debut platform, owning design and implementation across frontend, backend, and database layers
- Drive an AI-first development workflow using Claude to author technical plans and CLAUDE.md context files, accelerating feature delivery and improving code quality
- Design and develop solutions spanning React/TypeScript frontend, Kotlin services, and PostgreSQL data models, deployed on AWS via Kubernetes with GitLab CI/CD

Tech Stack: Kotlin, TypeScript, React, PostgreSQL, AWS, Kubernetes, GitLab, Claude, Spring Boot, Auth0, Java, HTML5/CSS3, AWS Step Functions

Edward Jones (www.edwardjones.com) – *Senior Software Engineer*

Dec 2022 - July 2025

- Modernized legacy Java application by migrating to a scalable microservices architecture using Java, Spring Boot, Docker, Kubernetes,

and React, serving thousands of users with improved performance and reliability

- Led a team of 3 developers to migrate microservices to the latest Spring Boot version and HTTPS, partnering with DevOps and Networks teams and reviewing code through to delivery
- Designed and architected a MuleSoft ESB integration platform to orchestrate secure API communication between PEGA BPM workflows and 15+ internal microservices, implementing OAuth2, error handling, and real-time data sync
- Built responsive frontends in React and Next.js; migrated REST endpoints from Java to Kotlin as a performance proof of concept

Tech Stack: Java, Kotlin, Spring Boot, React, Next.js, Docker, Kubernetes, Oracle, DB2, MuleSoft Anypoint Platform, Kafka, GitHub, Splunk, Linux, Python

Oracle (www.oracle.com) – Senior Software Engineer

May 2021 – December 2022

- Designed and developed an event planning platform for online events using **React, Java** and **Spring Boot**.
- Redesigned and optimized data processing pipelines, reducing data upload times by 50% and improving event scheduling workflow efficiency for events serving thousands of concurrent users. Managed our Linux servers to run and monitor batch jobs to upload marketing data to marketing databases.
- Partnered with the marketing team to integrate third-party data sources, enabling dynamic content delivery and improving event management capabilities.

Tech Stack: Java, Spring Boot, ReactJS, Oracle, Docker, PostgreSQL, OAuth2, WebLogic, Microservices, Kubernetes, GitHub, Jenkins, Linux, Kafka

Catalyte (www.catalyte.io) – Senior Software Engineer

September 2016 – April 2021

Worked as a full-stack consultant across several projects, contributing to backend services, frontend development, API design. Provided solutions for clients in aerospace, fintech, retail, and identity verification industries.

- **[Slingshot Aerospace](#)** – Contributed to the development of a **space simulation platform**, focusing on building robust, scalable backend services to support real-time lab experiments. Refactored services in Kotlin to use Auth0. Refactored services in Kotlin to move from AWS Lambda.

- [Remitly](#) - Developed new features and maintained legacy code for backend **bank integrations** in Java, enabling reliable international money transfers. Improved system reliability and compliance across regions.
- [AuthenticID](#) - Led **frontend development** of a mobile version of the company's identity verification engine using **ReactJS**, improving accessibility and user experience.
- [Lowe's](#) - Partnered with the data science team to build **data ingestion pipelines** in **Java** and **Spring Boot**, processing and storing hundreds of GB of data. Developed **microservices** to expose this data via secure APIs. Mentored a team of 6 junior developers helping them get up to speed in the project, they came from C# project and helped them work on the team's stack.

Tech Stack: Java, Spring Boot, Kotlin, Docker, NodeJS, React, MySQL, PostgreSQL, AWS, DynamoDB, GCP, Kafka, Auth0, NestJS, MongoDB, GitHub, Jenkins, TypeScript, Splunk, PostGIS, Kubernetes, Python, AWS Step Functions

Zappos (www.zappos.com) (Acquired by Amazon) – Senior Software Engineer

March 2014 - July 2016

- Maintained and enhanced the high-availability search engine behind Zappos.com using Java and Spring, supporting millions of users and real-time product discovery
- Refined search algorithms and ranking based on user behavior and product metadata, improving result relevance and driving measurable gains in conversion and engagement
- Upgraded product page UI and performance across devices, contributing to higher retention and sales

Tech Stack: Java, Spring, AWS, Elasticsearch, MySQL, JavaScript, React

University of California (www.ucla.edu), Los Angeles, CA – Senior Software Engineer

March 2009 - November 2013

- Designed and maintained an enterprise e-commerce platform serving multiple UC campuses for procurement and purchasing operations, handling high-volume transactions across cross-campus stakeholders

Tech stack: Spring, Java, Javascript, Oracle

PROJECTS

Solid Remote Jobs (2026 - Present) | *Founder*

- Remote jobs marketplace for remote developers.