

LUIS GUSTAVO GOMEZ FASANANDO

Senior Software Engineer | Full-Stack & Mobile Development
Lima, Peru | contacto@gustavogomez.dev | <https://gustavogomez.dev> | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Results-driven Senior Software Engineer with **over a decade of professional experience**. Skilled at designing scalable architectures, refactoring systemic problems, and shipping reliable software under real-world constraints. A self-directed professional who takes full ownership of deliverables, maintains high standards of code quality, and **turns complex requirements into reliable, production-ready solutions**.

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, Scala, C/C++
Frontend:	React.js, Next.js, Redux, Zustand, React Query, Tailwind CSS, Material-UI, SASS, Bootstrap, HTML, NextJS
Mobile:	React Native, Expo, Push Notifications, Swift, Google Play, App Store
Backend:	Node.js, Express, NestJS, GraphQL, REST APIs, Spring Framework
Databases:	PostgreSQL, MySQL, MongoDB, Supabase, Firebase, Redis
Cloud/DevOps:	AWS (CDK, Lambda, S3, EC2), Azure, Docker, CI/CD, GitHub Actions, Vercel, Heroku
Testing:	Jest, React Testing Library, Cypress, Selenium, Unit/Integration/E2E Testing
Tools:	Git, Jira, Azure DevOps, Figma, Postman, Linux, Linear
Practices:	Agile/Scrum, Code Review, Infrastructure as Code, Clean Architecture, Event-Driven Design, DDD

PROFESSIONAL EXPERIENCE

OpenLoop (USA)

Dec 2024 – Present

Sr. Software Engineer | Remote — USA-based HealthTech Company

- Own full project lifecycle from conception through deployment and monitoring, architecting **event-driven, serverless solutions** with AWS CDK and ensuring production-ready, observable applications
- Design and implement software solutions leveraging **domain-driven and event-driven design patterns**, writing self-documenting, production-grade code with clean abstractions and proper code isolation
- Identify and resolve **cross-stack issues** spanning frontend, backend, and infrastructure layers, refactoring systemic problems into scalable, maintainable architectures
- Develop and test high-performance features using **React.js, Next.js, TypeScript, and GraphQL**, implementing comprehensive automated testing strategies (unit, integration, E2E) with Jest and React Testing Library
- Collaborate with cross-functional teams on solution design and architecture decisions, following **Agile/Scrum** methodology

Technologies: AWS, AWS CDK, Node.js, React.js, TypeScript, Next.js, GraphQL, Tailwind CSS, React Hook Form, Jest, React Testing Library

Willdom (USA) — Client: AFS Agile Financial Systems

May 2023 – Sep 2024

Senior Frontend Engineer | Remote — Contractor for Agile Financial Systems (Texas, USA)

- Led frontend development across multiple financial applications, **reviewing pull requests** from team members to ensure code quality, consistency, and adherence to best practices
- Engineered complex financial interfaces using **React.js, Next.js, TypeScript, and React Query**, leveraging React Virtual to optimize rendering of large datasets and improve application responsiveness
- Achieved high test coverage by writing extensive **unit and integration tests (Jest, React Testing Library)**, reducing regression bugs and strengthening release confidence across sprints
- Researched and introduced new tools (**Zustand, Zod, Next UI**) that simplified state management and form validation, improving developer productivity
- Participated in sprint planning and technical design discussions, contributing to architecture decisions for new features

Technologies: *React.js, TypeScript, Next.js, React Query, React Virtual, Tailwind CSS, Azure DevOps, Material-UI, Next UI, Formik, React Hook Form, Jest, Zod, Yup, Redux, Zustand*

Upstack (USA) — Client: OmbreLab

Mar 2022 – Apr 2023

Senior Frontend Engineer | Remote — Contractor for OmbreLab (San Francisco, USA)

- Served as the **lead frontend engineer** responsible for the company's entire frontend ecosystem, ensuring efficient and on-time delivery of all features
- Led the **complete UI rebranding** of the platform, redesigning screens and building reusable component libraries that modernized the user experience and established a consistent design system
- Analyzed and improved code quality across the codebase, **refactoring legacy components** and establishing coding standards for the frontend team
- Wrote comprehensive tests using **React Testing Library** to ensure system quality and prevent regressions

Technologies: *React.js, TypeScript, CSS, PostgreSQL, Redux, Git, Jira, Heroku, Material-UI, Bootstrap, SASS, React Testing Library*

Leivotech (USA) — Client: RainFocus

Nov 2018 – Feb 2022

Full-Stack Developer | Remote — Contractor for RainFocus (Utah, USA)

- Developed features for an enterprise-grade **event management platform** used by Fortune 500 companies including **IBM, Gartner, and Cisco**, handling thousands of concurrent users
- Built and maintained both frontend (React.js, Redux) and backend (Java, Scala, Spring Framework, Play Framework) components across multiple applications
- Wrote unit and integration tests for both frontend and backend using **Jest, React Testing Library, Cypress, and Selenium**, contributing to a robust testing culture
- Performed code reviews for team members, **improving overall code quality** and enforcing consistency standards across the project
- Delivered full-stack features for a secondary **car dealership management system**, expanding the product portfolio and supporting a new business vertical

Technologies: *Java, Scala, Selenium, Cypress, Jest, React Testing Library, Struts, Spring Framework, Play Framework, React.js, MySQL, Redux, Node.js, AWS Lambda*

BBVA Continental (Peru)

Mar 2018 – Nov 2018

Junior Software Engineer | Lima, Peru

- Analyzed and documented software requirements for the bank's core business systems, ensuring alignment between business needs and technical specifications
- Carried out **functional and technical design** of new requirements, coordinating with multiple teams to ensure compliance with the bank's development methodology
- Supervised code from external developers, conducting quality reviews and ensuring deliverables met BBVA's engineering standards
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Leivotech (USA) — Client: RainFocus

Jul 2017 – Mar 2018

Full-Stack Developer | Remote

- Developed **RESTful APIs in Scala** and integrated them with the frontend React.js application for the event management platform
- Built new frontend features and wrote unit tests, contributing to the platform's reliability and feature expansion

Technologies: *Java, Scala, React.js, MySQL, Redux, Node.js, AWS Lambda, Material-UI, Cypress, React Testing Library*

HIPER S.A. (Peru)

Oct 2016 – Mar 2017

Junior Developer | Lima, Peru

- Developed new functionalities for a **queue management system** used by banks to control customer service flow, handling high-volume transactions
- Maintained and improved the web service controlling ticket issuance, ensuring system uptime and reliability

Technologies: *JavaScript, HTML, CSS, Tomcat*

Novatronic (Peru)

Apr 2014 – Sep 2016

Internship / Junior Developer | Lima, Peru

- Developed in **C and Java** new requirements and functionalities for the company's transactional processing systems
- Participated in all stages of the software development lifecycle: analysis, documentation, development, testing, and deployment
- Deployed production systems on **Linux** environments, ensuring stability and performance

Technologies: C/C++, Java, Linux, JavaScript

FREELANCE PROJECTS

Athlead AI — College Athletic Recruiting & Livestreaming Platform

2025

Full-stack SaaS platform for college athletic recruiting: coach evaluation tools, athlete search with advanced filtering, livestreaming integration (LiveKit), email campaign management with OAuth, role-based access control, and a native iOS app.

Technologies: TypeScript, Next.js, Fastify, Drizzle ORM, PostgreSQL (Neon), LiveKit, Swift/SwiftUI, Expo, Turborepo, Bun, Zod, shadcn/ui

OmbreLab — Buddy Mobile Application

2024

Built a mobile app for OmbreLab users to track gut microbiome test status, receive push notifications, and access wellness guidance. Published on the [App Store](#).

Technologies: React Native, Expo, GitHub Actions, Supabase, Axios, Stream Chat

AGN SuperFoods — Attendance & Production Control System

2021

End-to-end mobile + web system for workforce management: QR-based attendance with offline/GPS support, multi-role profiles (security, supervisor, kitchen), real-time production tracking, and admin dashboard with payroll and productivity analytics.

Technologies: Node.js, Express, AWS S3, React Native, React.js, Redux, Linux, nginx, pm2

EDUCATION

Universidad Nacional Mayor de San Marcos

2010 – 2016

Bachelor's Degree in Software Engineering | Lima, Peru

Asociación Cultural Peruano Británica (Británico)

2019

Advanced English Program | Lima, Peru

CERTIFICATIONS

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- **Microsoft Certified: Azure Fundamentals** — Microsoft
 - **Scrum Foundation Professional Certification (SFPC™)** — CertiProf
 - **Codecademy Developer Certifications** — [Profile](#)

LANGUAGES

Spanish: Native | **English:** Advanced