

Irving Jose Duran

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Experience

Match Hat

Oct 2024 – Present

Software Engineer (Contract)

Kyoto, Japan / Remote

- Architected and shipped an AI-powered post-generation suite (React, Next.js, Node.js, GraphQL) that lets users create images and copy from natural-language prompts, accelerating content creation and driving adoption of a new premium feature.
- Refactored the real-time messaging platform with GraphQL subscriptions and improved state management, delivering faster, more reliable chat across web and mobile clients.
- Redesigned the onboarding flow and added backend micro-services to support new business logic, streamlining user activation while maintaining clean, scalable code.
- Work alongside four other engineers at a fast-moving startup, owning technical decisions, defining coding standards, and guiding prompt-engineering strategy for generative-AI features.

Freelance Full-Stack Developer

Mar 2023 – Present

Self-employed

Remote

- Build React / Next.js and Node.js applications for clients, delivering end-to-end solutions with PostgreSQL or Firebase back-ends.
- Automate testing and deployment with GitHub Actions + Vercel, moving releases from weekly to daily with zero downtime.
- Co-founded a Japanese tutoring brand; launched a Next.js site with Stripe billing and dashboards, growing Instagram from 0 to 10k followers in 30 days.

American Express

Oct 2020 – Mar 2023

Software Engineer III → Software Engineer II

New York, NY

- Led development of the account-management flow for *Amex Business Checking*, the company's first small-business bank-account product.
- Integrated Kabbage systems post-acquisition, migrating Angular 2 micro-front-ends and GraphQL APIs into the new *Business Blueprint* platform.
- Collaborated with design, QA, and DevOps teams to uphold WCAG 2.1 AA accessibility standards and maintain 100% automated test coverage.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, SQL

Frameworks & Libraries: React, Next.js, Node.js, Express, Prisma, GraphQL, Tailwind CSS, Jest, React Testing Library, Capacitor

Tools & Platforms: AWS (Lambda, S3, RDS), Firebase (Auth & Realtime DB), Stripe, Vercel, Docker, GitHub Actions, PostgreSQL, MySQL

Practices: REST / GraphQL API design, CI/CD, Test-driven development, Agile Scrum, MVC architecture, OAuth 2.0 authentication, payment integration

Education

Bogota Bootcamp

2020

Ruby on Rails Course

Bogotá, Colombia

- Completed an intensive curriculum covering Rails MVC, RESTful APIs, PostgreSQL, and deployment on Heroku. Built a full-stack CRUD application as a capstone project.

Lambda School

2019

Full-Stack Web Development & Computer Science Program

Remote

- Focused on React, Node.js, Express, GraphQL, algorithms, and database design while collaborating on agile, team-based projects.

New York Code + Design Academy

2018

Web Development Foundations Certificate

New York, NY

- Learned HTML5, CSS3, and vanilla JavaScript fundamentals; delivered a responsive personal-portfolio site as the final project.