

PROFESSIONAL SUMMARY

Software Engineer building scalable web applications across compliance-heavy sectors like HealthTech and FinTech. Backend-focused with deep experience in Ruby on Rails and API design, along with hands-on experience working with Python and Django-based systems, combined with modern frontend development using React and Next.js. Experienced in driving projects from concept through production and collaborating closely with cross-functional teams to deliver high-impact solutions. San Francisco-based, energized by in-person collaboration, and focused on using modern AI tooling to accelerate developer velocity.

Technical Skills

Core Stack: Ruby on Rails, Django, React, Next.js, Express.js, Python, Ruby, JavaScript, TypeScript, SQL

Databases: PostgreSQL, MySQL

Cloud & DevOps: AWS (S3), Google Cloud Platform, Vercel, GitHub, CI/CD

AI, Agents & Data: Agentic Frameworks (CopilotKit, ADK, LangChain), Prompt Engineering, Data Science (Pandas, NumPy), Foundational ML (TensorFlow, PyTorch)

Practices: API Design, System Design, TDD (RSpec), Agile/Scrum

Experience

Software Engineering Consultant (Full-Stack Focus) | Remote | Nov 2020 – Present

- Partner with startups and small businesses to design and scale full-stack web applications, moving features from product definition through production using React, Next.js, and Ruby on Rails.
- Design backend systems and APIs to support clean data integrations and secure multi-tenant workflows across product features.
- Collaborate directly with founders, designers, and stakeholders to translate highly ambiguous business needs into clear, scalable technical features.
- **AI-Augmented Development:** Leverage modern AI tools (including Gemini and Codex) to accelerate boilerplate implementation, streamline automated unit testing, and maintain focus on complex domain architecture and system edge cases.
- Designed and delivered a K-8 AI education framework that simplified machine learning concepts, increasing program engagement by ~30%.
- Co-led a technical mentorship initiative for 50 women in tech, guiding participants through cloud computing fundamentals in partnership with Google Cloud, Kūñatech, and SheWorks.

Solutions Engineer | Mobile Health Consumer, Palo Alto, CA | Feb 2022 – Feb 2023

- Integrated the Lokalise API with a Django-based backend framework to automate the extraction of hard-coded application assets, leveraging custom JSON and metadata configurations to streamline localized content delivery and launch features across the US and Canadian health markets.
- Developed configurable frontend components backed by secure metadata configurations to make internal application setups faster and less error-prone.
- Collaborated daily with product, design, and operations teams to launch new features within a secure wellness platform

Delivery Lead – Software Engineer | Homebase, San Francisco, CA | May 2018 – Apr 2020

- Designed and shipped 10+ RESTful APIs using Ruby on Rails and PostgreSQL to back core mobile scheduling and time-tracking features.
- Integrated the Clover API with internal TimeClock systems, exposing real-time data visibility across 175,000+ business clients and improving operational efficiency by ~50%.
- Built an HR engagement tool using Sidekiq background jobs that increased active user and employee participation by 33%.
- Owned end-to-end feature delivery, moving from initial product requirements to deployment, collaborating alongside designers and product managers to ship scalable user-focused solutions.

Software Engineer | Omada Health, San Francisco, CA | May 2016 – Dec 2017

- Built a backend data service using Ruby, Sidekiq, and the Eligible API to handle bulk employee data imports, saving health insurance providers an estimated 144 hours of manual data processing.
- Built back-end logic for an eligibility detection tool, reducing data processing time by 60%.
- Implemented Rails internationalization (I18n) to launch the platform's Spanish onboarding flow, expanding customer reach by ~14%

Software Engineer | CoverHound Insurance, San Francisco, CA | Mar 2015 – Dec 2015

- Re-engineered an auto insurance quote application using Ruby on Rails and React, successfully reducing quote response latency from 24 hours to under 3 minutes.
 - Integrated a third-party quote-generation API to create a more responsive customer purchasing flow, increasing overall application conversion by 50%.
-

Education

Dual degrees earned concurrently from separate universities:

- **B.S. Computer System Analysis** | Catholic University of Asunción, Paraguay
 - **BBA Business Administration and Management** | National University of Asunción, Paraguay
 - **Specialization in University Didactics** | National University of Asunción, Paraguay
-

Continuing Education

Artificial Intelligence & Machine Learning Bootcamp | Caltech (2024)

- Immersive program with focus: Python, Data Science (Pandas, NumPy), Foundational ML (TensorFlow, PyTorch), Deep Learning, and Generative AI.

Data Science Fundamentals – National University of Asunción (2023)

- Completed training in data science concepts with Python, Pandas, NumPy, and Matplotlib

Additional Technical Training

- Agentic AI Nano Program | Udacity (In Progress)
 - Generative AI for Software Developers Specialization | IBM (In Progress)
 - Google Prompting Essentials | Google (Apr 2025)
 - AI for Good Specialization | DeepLearning.AI (2024)
 - Generative AI for Everyone | DeepLearning.AI (2023)
-

Volunteer Experience

Passionate about mentoring, teaching, and advocating for Women in Tech.

- **Event Co-organizer** | IA Week LATAM | Nov 2025
- **Technical Community Ambassador** | Women Techmakers Ambassador by Technovation | Kufiatech PY (*Paraguayan Women in Tech Community*) | AI and Data Science Paraguay
- **Early Contributor** | Railsbridge (Bridge Foundry – Nonprofit supporting tech education)