Armand De Asis

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Senior Full-Stack Engineer with 8+ years of experience building scalable applications in high-stakes FinTech and Research environments. Proven track record of optimizing system performance, navigating complex compliance frameworks (SEC/FINRA), and leading greenfield product development from concept to launch.

Technical Skills

Languages: Ruby, TypeScript, JavaScript, Elixir, SQL, PHP
Frameworks: Ruby on Rails, React.js, Svelte, Laravel, Mocha/Chai/Sinon, Cypress.io, RSpec, Sinatra
Data/Infra: PostgreSQL, GraphQL, Heroku, Redis, AWS, Twilio

Experience

Northstar Investment Advisory   Apr 2021 – Mar 2024
Senior Software Engineer

- Deployed financial data visualization tools, tax burden scenario calculators, and health insurance plan comparisons based on planned utilization, used by dozens of advisors and hundreds of advisees.
- Enabled key company expansion to international market through platform-wide overhaul to permissions system and region/role specific feature customization and localization.
- Eliminated longstanding performance bottlenecks by optimizing SQL/ORM queries, improved caching, and parallelizing data ingestion for speed improvements of 400% or more.
- Collaborated directly with financial advisors, sales, and success teams to build tools and interfaces to manage data across clients, saving colleagues hours of labor each week. Go-to engineer for internal QoL improvements.
- Implemented systems to enforce RIA/FINRA/SEC compliance standards across platform, enabling the company to secure deals with key client companies and provide investment guidance.

Freelance   Feb 2020 – Oct 2020
Software Engineer

- Handled development and project management for various client projects, including an inventory display system for an auto sales company and data analytics for a research project that became a published book.

Dscout Research   Apr 2017 – Aug 2019
Software Engineer

- Spearheaded new product development, including a video interview product with automatic transcript generation, and post-call video editing and tagging of key moments.
- Personally wrote the algorithm and interface for plaintext copyediting of audio transcripts while retaining associated timestamps and metadata.

CarAdvise   Jun 2016 – Mar 2017
Software Engineer

- Developed full-stack features and managed AWS devops for auto service scheduler across partner repair shops.

Health123   Dec 2015 – Mar 2016
Software Engineer

- Integrated biometric data from consumer health monitoring devices for seamless reporting to care providers.

Education

Baldwin Wallace University, B.S. Neuroscience, Psychology, with honors   **Berea, OH**