Sean Martin

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SUMMARY

I'm a senior software engineer with nearly 8 years of professional experience in both fullstack and backend positions. I've developed a track record of leading projects to completion (within my team as well across multiple teams), being a subject matter expert in areas of the codebase, and mentoring software engineers with less experience.

SKILLS

Python • JavaScript • Ruby • Rails • Django • FastAPI • React.js • Redux • jQuery • HTML5 • CSS3 • PostgreSQL • MySQL • Git • Webpack • Node.js • Express.js • Sequelize • Kafka

EXPERIENCE

Senior Software Engineer - Ro (New York, NY)   **Jan 2021 - Present**

- Created backend APIs to support a new provider workflow, reducing the time required to approve initial weight loss prescriptions by 50%.
- Reengineered the ID verification process using Kafka and a microservice, enabling scalability and automatic retries in case of outages or errors. This process performs roughly 420k patient ID verifications per month.
- Launched a checkout page feature enabling bulk medication shipments, resulting in a $29M increase in gross profits for the year.
- Revamped the work permissioning system for care providers, granting access to work based on individual training rather than job title. This improvement accelerated the onboarding of 100+ new health practitioners.
- Engineered the backend code changes for a new ED product, which achieved the highest net new daily order requests in the company's history, driving increased revenue and surpassing the previous record by 7%.
- Implemented a new workflow that enabled 30+ care team members to onboard seven weeks earlier than previously allowed, so they could address a backlog of 37k units of work that much sooner.
- Mentored and coached four intermediate-level software engineers, providing guidance on technical decision-making, supporting complex debugging efforts, and ensuring successful project delivery.
- Conducted 30+ technical interviews, to help ensure the selection of top engineering talent for the company.
- Designed a frontend specific technical interview screening exercise, to better evaluate frontend candidates.

Software Engineer - Sema4 (New York, NY)   **Mar 2018 - Dec 2020**

- Developed a real-time dashboard for employers to track and monitor COVID-19 test results for returning employees, improving workplace safety and compliance.
- Integrated a document upload feature, streamlining the test result ordering process and reducing manual errors.
- Engineered a dynamically rendering, self-validating, and auto-filling questionnaire. This improved the accuracy and completeness of diagnostic test orders, and reduced order placement time.
- Built an email notification system allowing users to receive real-time, daily, or weekly alerts for new test results.
- Authored technical specification documents and conducted feasibility analyses for new product features.
- Provided production support for users ordering, tracking, and viewing diagnostic test results.
- Mentored and advised other engineers on key areas of the codebase that I was a subject matter expert on.

Software Engineer - J.P. Morgan Chase (Brooklyn, NY)   **Jul 2017 - Feb 2018**

- Improved and supported the company's market risk software platform.
- Managed multiple QA testing environments, enabling comprehensive end-to-end testing for new features.
- Modified and tested software platform logic used to create market data reports.

EDUCATION & CERTIFICATIONS

Baruch College (New York, NY) - B.B.A., Accounting (GPA: 3.9)
Certified Public Accountant (CPA) - New York State