George Tsimis

Software Engineer

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Software Engineer with 2+ years of professional experience. Previous experience in finance at Moody's Corporation assisting Lead Anaysts in the ratings process, as well as, an educator in mathematics at the City University of New York. Classes taught include Elementary Algebra, College Algebra & Trigonometry, Precalculus, and Calculus.

SKILLS

AWS, Axios, CSS, Docker, Figma, Git, Github, GraphQL, HTML, Intercom, Java, JavaScript, Jest, Jira, Kubernetes, Mantine, MongoDB, Next.js, Node.js, PostgreSQL, Pulumi, Rails, React.js, React Testing Library, SQL, Spring Boot, Tailwind, TypeScript, Webpack

PROFESSIONAL EXPERIENCE

Aspen Capital, New York, NY

Associate Software Engineer   Aug 2022 – Present

- Helped develop automated phone payment system, using Twilio API, including testing/error logging, for making payments, saving bank accounts, and setting up/updating/deleting autopay. Monthly payments made averages 3K+ and monthly revenue increased to $5M+
- Migrated process for updating databases with payment information, from Chase, to AWS. Replaced previous process of stored long SQL procedures resulting in better logging, error handling, and process efficiency
- Maintain/add features to user-facing app, which borrowers, 19K+ active with growing adoption, use to make payments, configure autopay, upload/download documents, view loan information/payment history. Monthly payments made/revenue collected averages 11K+ / $20M+
- Added paperless/autopay modals to the user-facing app, which increased paperless engagement from 20% to 49%, saving the business $5 each time a borrower enables paperless. Autopay setup also increased significantly by 80%
- Added feature that allowed admins to create/update/delete autopay on behalf of borrowers, in internal app, for loans with various statuses (i.e. current, bankruptcy, commercial), requiring different input parameters and backend (Java/Spring Boot) logic depending on loan status
- Added backend feature, utilizing Intercom API & AWS SNS, that sent two email reminders to borrowers that started the process of manually linking their bank accounts, in user-facing app through micro-deposits, to complete the process
- Collaborated with teams across the business to understand needs, provide value, and create realistic plans to complete goals. Participated in software design/architecture discussions. Reviewed team members' pull requests and provided feedback to improve code quality

    Technologies Used:

    AWS, Axios, Cognito, Draw.io, Figma, GitHub Actions, Intercom, Java, Jest, Jira, Lambda, Mantine, Next.js, Node.js, Plaid, PostgreSQL, Pulumi, React, React Testing Library, SNS, Spring Boot, SQS, S3, Tailwind, Twilio, TypeScript

LynxDx, Inc., Ann Arbor, MI (Remote from New York, NY)

Software Engineer I   Feb 2022 – July 2022

- Helped rebuild the Laboratory Information Management System in 3 months from the ground up, resulting in improved performance, scalability, and user experience
- Redesigned all database tables and set up new associations for increased efficiency and performance of database querying
- Added backend and frontend tests allowing the team to confirm new code hasn't affected previous working code

    Technologies Used:

    Apollo, Azure, Chakra, GraphQL, Jest, Node.js, PostgreSQL, Prisma, React, React Testing Library, Storybook, TypeScript

EDUCATION

App Academy

Web development bootcamp with 1000-hour curriculum and < 3% acceptance rate   Nov 2021

Queens College of the City University of New York

Master of Arts in Mathematics   Sept 2021

Bachelor of Arts in Accounting, Minor in Economics   Sept 2019

Bachelor of Arts in Mathematics with Honors   June 2016