

# 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 analysts 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

- Contributed to development of, and currently maintain, the automated phone system (Twilio API), including testing/error logging, allowing for making payments, saving bank accounts, and configuring autopay. Monthly payments made / revenue collected averages 3K+ / \$5M+
- Project lead for migrating process that updates databases with payment information, from Chase, to AWS utilizing S3, Lambdas, SQS, and SNS. 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+
- Contribute significant code, including writing tests, to backend API written in Java / Spring Boot. Add RESTful endpoints that return appropriate data to frontend. Became highly proficient in IntelliJ IDEA, including utilizing the debugger to resolve issues quickly
- Added paperless/autopay modals to the user-facing app utilizing local storage to track views for better UX, which increased paperless engagement from 20% to 49%, saving the business \$10,000/year. 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
- Collaborate with teams across the business to understand needs, provide value, and create realistic plans to complete goals. Participate in software design/architecture discussions. Review team members' pull requests and provide 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