

George Tsimis

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SKILLS

Apollo, Amazon Web Services, Axios, Azure, Chakra, CSS3, Draw.io, Express.js, Figma, Git, Github, GraphQL, Heroku, HTML5, Intercom, Java, JavaScript, Jest, Jira, jQuery, Mantine, MongoDB, Mongoose, Next.js, Node.js, Prisma, PostgreSQL, Rails, React, React Testing Library, Pulumi, Redux, Ruby, SQL, Spring Boot, Storybook, Tailwind, TypeScript, Webpack

PROFESSIONAL EXPERIENCE

Aspen Capital, New York, NY

Associate Software Engineer

Aug 2022 – Present

- Significantly enhanced automated phone payment system, including testing and error logging, to allow for saving bank accounts, and setting up/updating autopay, so borrowers never miss a payment. Increased business monthly revenue by \$1-2M
- Migrated process for updating databases with payment information from Chase to AWS. Replaced process of stored long SQL procedures resulting in better logging, error handling, and process efficiency. Added email/slack notifications for borrowers/internal team
- Helped maintain and added new features to the user-facing app, which borrowers used to make one-time payments, set up autopay, upload documents, and see payment history. Monthly payments collected averaged \$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 enabled paperless. Autopay setup also increased significantly by 80%
- Added a feature that allowed admins to create/update/delete autopay on behalf of the borrowers in the internal app for loans with various statuses (i.e. current, bankruptcy, commercial), requiring different input parameters and backend logic depending on the loan status
- Added a backend feature that sent two email reminders to borrowers that manually linked bank accounts in user-facing app, through micro-deposits, to complete the process of linking their bank account
- 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 & External APIs Used:

AWS, Cognito, Draw.io, GitHub Actions, Intercom, Java, Jest, Lambda, Mantine, Next.js, Node.js, Plaid, PostgreSQL, Pulumi, React, React Testing Library, 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

Moody's Corporation, New York, NY

Financial Data Analyst

July 2018 – July 2021

- Ensured accuracy, consistency, and analytical value of a portfolio of 300+ public and private business entities
- Liaised with senior analysts to resolve queries about financial data used in the ratings process
- Managed and supported an offshore team, that performed data entry, by analyzing their work, making corrections, and providing feedback
- Trained new hires on portfolio management, accounting standards used in the ratings process, and Moody's based software

City University of New York, New York, NY

Mathematics Adjunct Lecturer

Aug 2016 – Dec 2017

- Taught undergraduate classes (approx. 35 students) in elementary algebra, college algebra & trigonometry, pre-calculus, and calculus
- Created course syllabi and lectures in alignment with CUNY standards to ensure students perform their best on departmental exams
- Designed homework problems of varying difficulty to reinforce concepts learned in class
- Held office hours to address students' concerns and develop study action plans to facilitate a better understanding of difficult concepts

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, B.A. in Accounting Minor in Economics, B.A. in Mathematics (Honors)

Sept 2021, Sept 2019, June 2016