

George Tsimis

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SKILLS

JavaScript, TypeScript, React, Redux, HTML5, CSS3, Ruby, Rails, Mongoose, Node.js, Express.js, GraphQL, Apollo, Prisma, MongoDB, PostgreSQL, SQL, Webpack, jQuery, Git, Heroku, Storybook, React Testing Library, AWS, Azure, Jira, Figma, Chakra

EXPERIENCE

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

Software Engineer I (TypeScript, React, Apollo/GraphQL, Node, Prisma, PostgreSQL, Chakra, Azure)

Feb 2022 – June 2022

- Rebuilt Laboratory Information Management System in 3 months from the ground up using Node/GraphQL on backend and React/TypeScript on frontend, resulting in improved performance, scalability, and user-experience
- Redesigned PostgreSQL database tables and set-up/refactored Prisma associations for increased efficiency of database querying
- Refactored API endpoints utilizing GraphQL and Prisma resulting in cleaner and more optimal code
- Developed custom React hooks used for fetching data from the backend asynchronously while integrating seamlessly with GraphQL
- Created reusable React components, with TypeScript, resulting in DRY and more scalable code
- Added backend (Jest) and frontend (React Testing Library) tests allowing team to confirm new code hasn't affected previous working code

Moody's Corporation, New York, NY

Financial Technology Consultant

Apr 2020 – July 2021

- Worked closely with corporate tax departments to develop best practices for transfer pricing documentation and analysis when using Moody's data platforms
- Identified weaknesses in functionality and UI/UX through testing and client feedback in Moody's data platforms and collaborated with internal developers to improve them

Financial Data Analyst

July 2018 – Apr 2020

- Ensured accuracy, consistency, and analytical value of a portfolio of 300+ public and private business entities
- Liaised with senior analysts to resolve queries pertaining to financial data used in ratings process
- Managed and supported 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 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 designed lectures in alignment with CUNY standards to enable students to perform best on departmental exams
- Designed homework problems of varying difficulty to reinforce concepts learned in class
- Held office hours to address students' concerns and developed study action plans to facilitate better understanding of difficult concepts

PROJECTS

Quitter | React, Redux, JavaScript, MongoDB, Express.js, Node.js, HTML5, CSS3, Webpack, Heroku

[Live Link](#) | [Github Repo](#)

Single-page app that helps users to quit bad habits through statistics and joining groups with other like-minded users

- Took advantage of the Validator.js library to validate user input in the controller before committing to MongoDB database in order to prevent saving malformed data
- Capitalized on MongoDB's flexible document schemas to make on the fly database changes during development
- Utilized Plotly library to dynamically graph logs made by users and developed algorithm that provides feedback to gradually stop bad habit

Self.TV | React, Redux, Ruby on Rails, HTML5, CSS3, PostgreSQL, AWS, Webpack, Heroku

[Live Link](#) | [Github Repo](#)

A full-stack, pixel-perfect clone of YouTube

- Integrated Redux with HTML5 media web components to create customized media playback for users
- Employed CSS3 flexbox with z-index and React-Modal for a compelling and flexible layout
- Incorporated Amazon S3's data storage infrastructure to upload and retrieve files, benefiting from its data scalability and capacity, resulting in improved page-load performance
- Leveraged Rails polymorphic associations with subscriptions, likes and comments on videos for DRY code

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, B.A in Mathematics (Honors)

Sept 2021, Sept 2019, June 2016