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KEMET DUGUE

EXPERIENCE

Fullstack Software Engineer   **Uber**   May 2022 - Present

Software Engineer   **Microsoft**   Jun 2020 - May 2022

- Architect and deploy re-designed content share tray in Microsoft Teams currently in use by 145+ million daily active users
- Design and implement end-to-end infrastructure for app collaboration on stage for meeting scenarios
- Apply React & GraphQL optimization techniques to UI components that decreased content share tray's load time by 2.7s
- Improve Whiteboard in-meeting app reliability by 7% by enhancing logging, implementing cache mechanisms, and integrating with Teams client SDK
- Maintain in-meeting Invision app integration for web and desktop environments; implement unified in-meeting share flow with React, Angular, and TypeScript
- Set up performance and reliability dashboard powered by Kusto Query Language to track team's 6+ features that include metrics related to: latency, timeout, logging, and environment usage
- Help formulate and document engineering best practices for team by providing tech talks, sharing code examples, and leading code reviews
- Write modular, secure, and well-tested code using React, TypeScript, GraphQL, Angular, Jest and Enzyme

Software Engineer   **SelfMade**   May 2019 - Oct 2021

- Developed browse page search feature utilizing pattern matching that served over 3K+ users
- Refactored existing front-end components for reusability that resulted in increased code shipment
- Engineered internal tools for cross-department usage that led to 10%+ increase in workflow efficiency
- Utilized Meteor publication/subscription API to develop metric dashboard for content strategists
- Implemented customer-facing features with frontend (React, Redux) and backend technologies (Express, Node, MongoDB)
- Configured and developed cron jobs utilizing Amazon SQS and Cloud Watch infrastructure

Teaching Assistant   **Columbia University**   Apr 2019 - Sep 2019

- Taught 35 students MERN stack (MongoDB/Express/React/Node) and provide help to understand technical concepts
- Conducted portfolio reviews, grade homework assignments, and assist students through code debugging

Teaching Fellow   **Fullstack Academy of Code**   Oct 2018 - Feb 2019

- Worked with students one-on-one to solidify JavaScript fundamentals, development tools, architectural design, full stack development, and debugging technique
- Assisted in recognizing error patterns and how to properly debug
- Lead admissions interviews in JavaScript and Ruby for prospective students

SKILLS & RECENT TALKS

- <u>Languages</u>: JavaScript, TypeScript, Java*, Rust*, HTML5/CSS3/SASS
- <u>Libraries & Tools</u>: React, Redux, Angular*, GraphQL, jQuery, Node.js, Express, Sequelize, PostgreSQL, MongoDB, AWS (S3, Cloudfront, EC2), Webpack*, Jasmine, Jest, Enzyme, Cypress*, Meteor, git, CircleCI, Travis CI*, Figma, Sketch

* familiar

- <u>Recent Talks</u>: Render Your Go Clean: Introduction to Dependency Injection with Fx (Render ATL Conference, Jun 2024), Component Testing with React Testing Library and Jest (Granite State Code Conference, Nov 2022), Context in React (Granite State Code Conference, Nov 2021)

EDUCATION

Georgia Institute of Technology | M.S. in Computer Science   2026 (expected)

New York University | B.A. in Economics (minors in Philosophy and Art History)   2015

University of Minnesota | User Interface Design Specialization (via Coursera)   2021