

Overview

Experienced team lead and software engineer looking to make the transition to managing software teams. Excited to guide engineering teams to solve problems and develop valuable solutions.

Work Experience

2U 2019 to Present — Engineering Director — Brooklyn, NY

- Directed 2 teams of 6 FTEs and 6 contractors, focusing on creating and maintaining student learning experiences.
- Coordinated closely with Product and Design to architect new features and ensure technical viability.
- Passed VPAT certification and ensured accessibility of all our learning experiences.
- Spearheaded an initiative to establish a UX Component library to ensure consistent UX.
- Established an interview process
- Coached eight engineers through an independent promotion panel successfully.

Versioning 2017 to 2019 — Senior Software Engineer — Brooklyn, NY

- Architected a versioning system that enables relational data to maintain live historical copies as content is changed.
- Collaborated with the product team to determine use cases and new features that versioning would empower.
- Lead a team of engineers to integrate and implement versioning into our software base.
- Drafted documentation and artifacts to educate and publicize the versioning architecture.

Process and Team Organization

- Standardized our team's pointing system to use best practices and provide better metrics.
- Redesigned our build practices to eliminate legacy tools, minimize external dependencies, and increase deployment flexibility.
- Mentored new apprentices and hires to efficiently get them up to speed quickly.
- Interviewed numerous candidates and apprentices and assisted in the hiring of five new members of our team.

The Social Edge 2016 to 2017 — Fullstack Developer — New York, NY

Astrometrics

- Architected a replacement to an existing tool that handles the processing, saving, and archiving of third party data and metrics.
- Built to scale so that the service can grow as the product grows without redesigning the system.
- Implemented real time data processing so data could be shown immediately on the product; all data was delayed using the old system.
- Provided data pipelines so that more services could analyze the dataset effectively and asynchronously.
- Decreased data retrieval time so that larger sets of data can be analyzed.
- Enhancements allowed for easier integration of machine learning into our products.
- Saved money by utilizing less expensive services that scale better. Saved hundreds on monthly hosting costs.

Contempo

- Upgraded a legacy PHP application to a Node/REST api backend and a standalone React/AltJS frontend.
- Established continuous integration for easier environment management and software deploys.
- Successfully launched the tool with complete feature coverage, including time saving enhancements for employees and customers.

Process Establishment

- Worked with the engineering team to come up with processes that met the team's work styles and needs.
- Implemented a version of scrum that solved for the team's planning and development needs.
- Provided better team management, requirements elicitation, and communication to upper management about team priorities.

Brand Networks

2014 to 2016 — Product Architect — New York, NY

#Momento - Product Architect

- Conceptualized and implemented a brand new social media activation for events.
- Designed an event activation experience that tackled a variety of problems: slow or intermittent internet access, non-technical on-site contractors needing to assemble and troubleshoot the product, and being robust enough to handle frequent shipping.
- Made \$250,000 in revenue in the first quarter of launch.
- Liaised with sales team to ensure product viability and establish pre-sales practices.

Amex Open Forum - Lead Engineer

2013 to 2014 — Partner Engineer — New York, NY

- Architected a new social media platform for small business owners.
- Worked directly with the client to both create a new product to meet their needs and simultaneously migrate a legacy product.
- Successfully migrated and moved thousands of articles to a new theme and format with little to no impact on existing users and admins.
- Built a new social community for small business owners to share information.

American Express Offers - Lead Engineer

2010 to 2013 — Software Engineer — Rochester, NY

- Worked directly with Facebook and American Express to implement a system that provided users with individually tailored offers and deals.
- Implemented a joining of systems to create a new user experience.
- Product was featured in a national tv ad.

Skills

Programming: Node / Javascript, HTML / CSS, C#, PHP, Java, CouchDB, MySQL, MSSQL

Libraries and Frameworks: React, Flux, Angular, Bootstrap, jQuery, ASP.NET

Hosting and Devices: AWS, Rackspace, Heroku, Android, Windows, Linux

Education

BS in Software Engineering at Rochester Institute of Technology, Rochester, NY