

An engineering leader with eight years of experience building applications at scale and five years of EdTech experience. Expertise includes Node, React, Typescript and PHP.

Work Experience

Powerschool

Associate Engineering Manager 2021 - 2022

- Managed a team responsible for the maintenance of heavily utilized course features used by ~1M concurrent daily users at peak load, including the creation, distribution and grading of materials.
- Provided constructive feedback on work and ensured engineers get the support needed to grow as technical contributors.
- Hired, onboarded, and trained new engineers during Powerschool's acquisition of Schoology.
- Partnered with Google and Microsoft teams to scale heavily utilized LTI assignment integrations for Schoology's 20M+ users. Oversaw implementation to support new LTI 1.3 version apps.
- Collaborated with Product and Design on roadmap and translated visions and business values into technical goals contributing to consist successful deliveries of initiatives.

Schoology

Lead Software Engineer 2019 - 2021

- Led a team through the maintenance, scaling and improved monitoring of major course features attributing to Schoology's 99.998% uptime. Refactored and increased test coverage of legacy Drupal to Laravel PHP.
- Mentored and provided technical feedback through code reviews, paired programming and technical designs. Implemented SDLC and agile best practices.
- Built micro-services for the Usage Analytics system to handle increased load of activity data and enabled the automation of exported usage reports. Provided users with vital insights into their district's adoption of Schoology.

Senior Software Engineer 2017 - 2019

- Architected, built, and tested core product features for Schoology's Assessment Management Platform (AMP) that enjoyed a 98% increase in adoption.
- Primary contributor to Schoology's open-sourced design system, Backpack
- Improved the Assessment Submission process through Learnosity integration, using serverless and AWS Kinesis, reducing query time to within two seconds.
- Created React applications and Node micro-services for features including the creation and export of assessment comparisons and student growth reports.

Enigma

Software Engineer 2016 - 2017

- Lead front-end engineer responsible for designing and building visualizations of sanctions data for Enigma's Data Lab.
- Collaborated with Product, Design and Data team to determine and meet project goals and timelines.

dMetrics

Software Engineer 2015 - 2016

- Built and maintained dynamic application dashboards to analyze patient decisions enabling clients to gleam insights into pharmaceutical usage trends.