

Chris Meyer

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Experience

Senior Software Engineer - 2U, Inc. Remote August 2021-Present

2U Inc. provides the online learning platform for higher ed degree programs including at Harvard, Yale, and UC Berkeley.

- Technical lead for an academic data ingestion and enrollment storage system written in Node.js (Express), and GraphQL, hosted on serverless infrastructure (AWS Lambda).
- Developed a real-time drawing and markup platform for instructors to give feedback on student submissions, including documents, images, videos, and audio files.
- Created a reusable collision detection system, used to detect collisions between annotations in an SVG layer.
- Was a leader & contributor for several significant technical documents, DB diagrams, and API diagrams.
- Mentored, code reviewed, and paired with junior team members to improve their understanding of systems.

Senior Software Engineer - Applied Medical Remote June 2021-August 2021

Worked as a full stack developer with doctors to provide a learning management system to facilitate residency programs and deliver course content that helps train doctors for surgeries.

- Created a video recording and submission service for residents to upload and grade medical exercises.
- Acted as a direct report for a junior developer, provided mentorship, goal setting and career development guidance.
- Provided technical leadership and a bastion of knowledge for Vue+Spring and the Applied Medical LMS.

Software Engineer II - Applied Medical Remote October 2020-June 2021

- Improved deployment pipeline as well as overall product stability by implementing CI/CD via Gitlab runners.
- Spearheaded refactoring of backend testing suite and automated reusable test tooling.
- Created a course enrollment, scheduling and notification system for residents and faculty

Junior Software Engineer - Applied Medical Irvine, CA November 2019-October 2020

- Worked with UI/UX team to create a design system to build robust features & interfaces in Vue.
- Setup database versioning control tool Flyway for SQL migration scripts in Spring Boot.

Cyber Security Engineering Intern - General Atomics Irvine, CA June 2018-August 2018

Worked on providing mission essential documents and creating OS hardening tools for the command and control centers of the MQ-9 predator drone.

- Created Bash shell scripts for automatically pentesting & hardening RedHat and Windows 10 operating systems
- Designed procedures and scripts for vetting systems for vulnerabilities with Nessus

Skills & Education

Languages, Frameworks, libraries: JavaScript, TypeScript, React, Java, Node.js, Express, Hapi.js

Other technologies: Kubernetes, Helm, Docker, GraphQL, Linux + Shell, Puppeteer, SQL+NoSQL databases

Education: Bachelor's degree in Computer Science from California State University Long Beach.

Projects

SpotifyQL <https://github.com/ChrisMeyer7088/spotifyql>

- Created a GraphQL schema and resolvers that fully map all of Spotify's APIs to a single endpoint
- Facilitated Spotify's client credential authorization flow to allow for smooth authorization
- Built out an automated continuous integration testing suite using Mocha, Chai and CircleCI