

Jacob Lehoux

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Summary

Accomplished Software Engineer with extensive experience in full-stack web development using JavaScript, React, and Python. Demonstrated expertise in developing scalable applications, implementing GraphQL APIs, and building data pipelines. Proven track record of technical leadership, including spearheading project requirements, conducting code reviews, and mentoring junior developers. Skilled in cross-functional collaboration, agile methodologies, and microservice architecture. Committed to delivering high-quality solutions while fostering innovation and continuous learning in fast-paced environments

Skills

Javascript & Typescript
HTML & CSS
Bootstrap & Material UI
React & Redux
Webpack
Jest & Cypress
Node.js & Express

Python & Flask
RESTful & GraphQL API
MySQL & Microsoft SQL Server
PHP
Datadog
AWS
Git & GitHub

Virtualbox & Vagrant
Docker
Agile & Scrum workflows
Feedback loops and user testing
Microservice Architecture
Kafka processors
Kibana

Experience

Wayfair, Boston MA | Software Engineer | February 2019 to Present

- Led technical development of a new order management application, overseeing all frontend implementation, code review, and release processes
- Architected and implemented GraphQL API schemas, queries, and mutations to support complex application data requirements
- Engineered asynchronous Kafka processors in Python, enabling real-time data processing and event-driven architecture
- Developed reusable UI components in collaboration with design teams, significantly improving user experience and reducing development time
- Implemented industry-standard design patterns and best practices to ensure codebase maintainability and scalability
- Conducted comprehensive code reviews to enforce quality standards and mentor team members
- Collaborated with DevOps to deploy and monitor high-availability Kafka clusters and processing pipelines
- Utilized agile methodologies to iteratively enhance application features based on stakeholder feedback

Prime Buchholz, Portsmouth NH | Frontend Engineer | May 2016 to January 2019

- Developed a mobile-responsive Vue.js application enabling consultants to create client meeting reports remotely, improving field productivity
- Engineered a comprehensive Quick Base ecosystem that reduced errors by 30% and delivered 200% cost savings over previous systems
- Redesigned cross-departmental workflows that enhanced communication, accelerated turnaround times, and increased accountability
- Served as a change agent, proactively identifying opportunities for technical improvements and process optimization

Education

University of New Hampshire | Full Stack Software Development Program

University of New Hampshire | B.S Economics and International Affairs