

Emma Lucas

Full Stack Developer

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Full stack developer with a strong foundation in modern web technologies and a focus on building quality software. Passionate about front end design and creating intuitive, user-friendly experiences. Adaptable, detail-oriented, and driven to solve complex problems.

SKILLS

JavaScript / TypeScript React HTML CSS Redux Node.js Jest Git REST
APIs Agile Methodology Python Java Spring C / C++ SQL Docker

WORK EXPERIENCE

Enterprise Holdings

2021 - Present

Software Engineer

St Louis, MO, USA

- Designed and built a React and Spring web app replacing legacy workflows, improving inventory management efficiency across a fleet of 2M+ vehicles. The app supports key rental operations and maintains data integrity across multiple systems.
- Developed and maintained new features in the fleet management app, primarily focused on front end using TypeScript, React, Material UI, Redux, and React Query; also supported Java back end with Spring Boot.
- Identified and resolved 30+ security vulnerabilities across several Java back ends, ensuring compliance with Enterprise security standards.
- Acted as team SME for Formik, improving form validation and UX consistency.
- Collaborated closely with UI & UX design committee to develop and fine-tune several new features and workflows.

Centene Corporation

May 2018 - August 2018

Software Developer Intern

St Louis, MO, USA

- Worked alongside a fellow intern with a team of senior developers and database engineers to develop software to integrate automated database operations with ServiceNow's IT request platform API.
- Developed software in Go, leveraging Kafka, deployed through Docker on Kubernetes to integrate database operations with ServiceNow APIs.

EDUCATION

Saint Louis University

May 2021

BS, Computer Science

St Louis, MO