Katherine Ebel

Software Engineer

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💼 TECHNICAL PROJECTS

Capstone Project - Skopos, *Co-Creator, Software Engineer* 🔗
Skopos is an open-source API monitoring tool designed for testing multi-step API workflows and running collections of tests in parallel.

- Collaborated remotely with a team engineers using Slack, Zoom, and Git.
- Developed/Tested frontend React application that integrates with GraphQL API.
- Implemented in memory cache using Apollo Client to limit requests to backend.
- Added pagination for queries that potentially return a significant amount of data.
- Integrated GraphQL API with AWS EventBridge and SNS using AWS SDK.
- Published CLI using AWS CDK as npm package to automatically deploy services to a users AWS account.
- Authored a comprehensive case study on the design decisions encountered while developing the project, and the problems Skopos solves.

WireSnoop, *Full-stack application to capture and inspect web hooks* 🔗
- React
- Express API
- MongoDB
- PostgreSQL
- Socket.IO

JobHunt, *Full-stack application that Tracks Job Application Status* 🔗
- React/Redux
- Styled Components
- Express API
- MongoDB
- Authentication with JWT

🧠 SKILLS

Front End
HTML/CSS, (Bootstrap, Styled Components, Tailwind CSS), JavaScript/TypeScript, React/Redux, NextJS, Gatsby

Back End
Node.js, Express, Ruby, Rails, Sinatra, Rest API, GraphQL, PostgreSQL, MongoDB

Other
AWS (CDK, Lambda, S3, ECS, RDS), Docker, Git, Linux

🎓 EDUCATION

Launch School 🔗
Software Engineering & Full-stack Web Development

Dec 2021 – Dec 2022
Online

Valencia Community College, *Associate in Science (Dental Hygiene)*

1997 – 1999
Orlando, United States