Alex Genc

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Career Overview

I am a recent software engineering bootcamp graduate looking for a career change. I focus on JavaScript and Python frameworks such as React, Node and Flask. As a former civil engineer, I managed multi-million construction projects within and outside of the U.S. I also have an entrepreneurial background, having started multiple side businesses.

Skills

JavaScript, TypeScript, Python, React, Node, Redux, Flask, SQL, MongoDB, Git, Docker, Kubernetes, AWS, REST Services, Unit & E2E Testing, Object-Oriented Programming, HTML, and CSS.

Projects

Jobly – A full stack web application for a job search platform. GitHub Front-End | GitHub Back-End | Live Demo
- Secured user profiles with JWT and Bcrypt, stored user state in localStorage to retain throughout page refreshes.
- Protected routes on the back-end with authentication middleware to ensure authorized user access for routes.
- Utilized object-oriented programming principles and stored all API related methods in JoblyApi class to separate the API logic from the React components, in order to create as many "dumb" components as possible.

Netflix-Clone – A front-end clone of Netflix, a widely popular streaming service. GitHub | Live Demo
- Utilized compound component pattern for component design, CSS framework Styled-Components for styling the application, and custom hooks for reusing stateful logic.
- Used Firebase Authentication and Cloud Storage for handling user authentication and database needs.
- Utilized Fuse.js for integrating fuzzy searching functionality to live search and filter movies and TV Shows.

Blogly – A full stack blogging web application. GitHub Front-End | GitHub Back-End | Live Demo
- Built a RESTful back-end in Node.js for blogging features, and to provide information to React components.
- Utilized Redux and Redux-Thunk for state management instead of using useState or props drilling.

Work Experience

Springboard, *Software Engineering Student*

October 2020 – Present
- 800 hours of hands-on course with 1:1 industry expert mentor oversight and completion of 2 in-depth capstone projects. Mastered skills in front-end web development, back-end web development, databases, and data structures and algorithms.

Valoxe Media, Co-Founder

Apr 2016 – May 2021
- Planned and implemented digital marketing strategies for agency clients. Services included website and landing page design, paid advertising, search engine optimization, and email marketing.
- Worked with clients to build web applications to promote presence on the internet, as well as, update and improve their existing websites.
- Measured ROI, tracked KPIs, and made digital marketing strategy adjustments as needed.

YDA Group & Walbec Group, Construction Project Manager

June 2015 – Jan 2020
- Managed project planning, cost accounting, quality control, labor and equipment resources, and client relationships on multi-million construction projects.
- Oversaw all job quantity reporting, cost-to-cost reporting, job labor budgets, weekly schedules, and the scheduling of specific P.O. materials.
- Completed take-offs, estimates, cost breakdowns, and prepared bid proposals for potential new projects.

Education

University of Wisconsin – Madison   2015
Bachelor of Science in Civil Engineering

Springboard   2021
Software Engineering Career Track