

Alex Genc

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Summary

Experienced in JavaScript and Python including frameworks such as React, Node and Flask. Civil engineering background, with an entrepreneurial focus, and strong analytical and problem solving mindset.

Technical Skills

Languages: JavaScript | TypeScript | Java | Python

Frameworks and Libraries: React.js | Node.js | Redux.js | Flask | Django

Other: SQL, MongoDB, Git, Docker, Kubernetes, AWS, REST Services, Unit & E2E Testing, OOP, HTML, 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, and stored crucial user information in localStorage to retain user state 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.

Experience

Springboard, Software Engineering Career Track

October 2020 – Present

- An 800+ hour course covers key aspects of front-end web development, back-end web development, databases, and data structures and algorithms. Modules include learning resources, practice exercises, projects, and career-related coursework.
- Web Development, JavaScript, DOM Manipulation, Event Driven Programming, Git/Terminal/Github, Modern JavaScript and Testing, AJAX, jQuery, ReactJS, Redux, SQL, PostgreSQL, Flask, Node, Express, Data Structures and Algorithms.

Valoxe Media, Co-Founder

Apr 2016 – Present

- Planned and implemented digital marketing strategies for agency clients, including website and landing page design, paid advertising, search engine optimization, and email marketing.
- Worked with clients to build and improve websites to promote presence on the Internet.
- 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 \$100MM+ 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

Springboard

2021

Software Engineering Career Track, Certification

University of Wisconsin – Madison

2015

Civil Engineering, Bachelor of Science