

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 | Python | Java | SQL | HTML | CSS

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

Other: Git | Docker | Kubernetes | AWS | MongoDB | REST Services | Unit, Integration, E2E Testing | OOP

Operating Systems: Windows | Linux | OS X

Projects

CryptoX – A full stack cryptocurrency web application. [GitHub Front-End](#) | [GitHub Back-End](#) | [Live Demo](#)

- Built a RESTful backend in Node.js for accessing all user and cryptocurrency data from the frontend.
- Utilized CSS framework Tailwind and React UI framework Material-UI to style all components and pages.
- Completed unit and integration testing with Jest, and end-to-end testing with Cypress.

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.

Jobly – A full stack job search board web application. [GitHub Front-End](#) | [GitHub Back-End](#) | [Live Demo](#)

- Secured user profiles with JWT and Bcrypt, stored needed user information in localStorage to retain user state.
- 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.

Experience

Valoxe Media, Co-Founder

Apr 2016 – Aug 2021

- 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 and web apps to promote online presence.
- Environment: JavaScript, React, HTML, CSS, WordPress, various Salesforce software.

Springboard, Software Engineering Career Track

October 2020 – Aug 2021

- An 800+ hour course covers key aspects of front-end web development, back-end web development, databases, and data structures and algorithms.
- Topics Covered: 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.

YDA Group & Walbec Group, Project Manager

June 2015 – Jan 2020

- Managed project planning, cost accounting, quality control, labor and equipment resources, and client relationships on \$100MM+ construction projects.

Education

Springboard

2021

Software Engineering Career Track, Certification

University of Wisconsin – Madison

2015

Civil Engineering, Bachelor of Science