Alec Venida

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PROFESSIONAL SUMMARY

Skilled full-stack developer experienced in React, Redux, and Python. Proficient in delivering high-quality web solutions, managing project timelines, and collaborating with diverse teams. Seeking innovative projects in a dynamic environment. Open to relocation.

PROJECTS

YouTut (React, Redux, Node.js, Python, Flask, AWS S3, CSS3, SQLite, SQLAlchemy, Docker, Heroku)   **Live Site | Github**

A fullstack YouTube clone specializing in online tutorials, where users can stream, upload, and comment on videos.

- Built and managed API routes, enhancing backend performance and improving front-end interaction.
- Leveraged AWS S3 for efficient handling of user video and image uploads and storage.
- Boosted user engagement via a custom shuffling algorithm.
- Ensured user-friendly video uploads with custom error handling for format and size compatibility.
- Applied custom error handling for video uploads, ensuring user-friendly notifications and prevention of invalid data submission.

Instacrumbz (React, Redux, Python, Flask, HTML5, CSS, SQLite, SQLAlchemy, Docker, Heroku)   **Live Site | Github**

A fullstack Instagram clone where users can upload posts, add photos, add comments, and like their favorite posts or images.

- Developed custom API routes for dynamic data retrieval, contributing to an efficient and interactive user experience.
- Delivered the project within a week, utilizing Agile methodologies and working effectively within a small team.
- Led the application deployment to Heroku via Docker, ensuring seamless user experience.
- Enhanced team productivity by implementing a Kanban system, fostering a culture of organization, TDD, and accountability.
- Maintained the frontend single post component alignment with the target site, ensuring consistent user experience.

Mic Lockr (React, Redux, Express, Sequelize, HTML, CSS, PostgreSQL, Node.js, Heroku, AWS S3, Bootstrap)   **Live Site | Github**

A fullstack Flickr clone where users can share images of their favorite microphones, and leave comments.

- Implemented API routes for robust CRUD operations on images and comments.
- Managed user image uploads through AWS S3.
- Empowered users to perform full CRUD operations on images and comments using Redux for state management.
- Integrated Bootstrap framework for an enhanced and standardized design and usability.

SKILLS

Programming Languages: JavaScript, TypeScript, Python
Frameworks/Tools: React.js, React Native, Redux, Express, Django, Flask, PostgreSQL, SQLite, SQLAlchemy, Docker, Node.js, AWS, Git, CSS3, HTML5, Heroku, Sequelize, Agile, Kanban, Playwright
Languages: English (Native), Spanish (Highly Proficient), German (Highly Proficient, acquired in 3 months)

EXPERIENCE

Microsoft TEALS Program, AP Computer Science Remote/Greater Los Angeles Area   July 2023 - Present
- Teaching AP Computer Science to high school students through Python as part of a community outreach program.
- Creating engaging, hands-on lessons to provide real-world coding experience.
- Collaborate with education professionals to adapt curriculum to the needs of a diverse student body.

Code For San Francisco, Software Developer (Volunteer) Remote/Greater San Francisco Bay Area   June 2023 - Present
(Android, iOS, SQL, React Native, Django, and Figma)
- Actively contributing to the 'Intentional Walk' project, a community program partnered with the SF Department of Public Health.
- Improved codebase by updating the testing suite in Django, enhancing software quality and reliability.
- Regularly collaborate with team members through weekly meetings and pair-programming sessions.

Freelance Web Developer Remote/Greater Los Angeles Area   December 2022 - Present
- Develop responsive, user-focused websites based on client requirements.
- Facilitate client engagement to translate needs and goals into effective web solutions.
- Manage project timelines and provide regular updates, ensuring high-quality deliverables.
- Stay up-to-date with industry trends through participation in conferences, meetups, and online learning communities.

ESL Teacher, LASC Irvine, ASCO Sprachenschule, EC San Diego | February 2011 - November 2021
- Taught English to international students and professionals from over 20 countries in diverse cultural and corporate environments.
- Conducted professional development workshops.

EDUCATION

Technical School

University of California, San Diego   La Jolla, CA
- BA Creative Writing and Literature, July 11, 2010

App Academy *Full-Stack Web Development Bootcamp*
February 2022 - October 2022