

# Alec Venida

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[Portfolio](#)

## 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

**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.
- Worked on a diverse tech stack, including Android, iOS, SQL, React Native, Python, and Figma.

**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.
- Led professional development workshops, demonstrating leadership and collaborative skills.
- Employed organizational and analytical skills to assess and place large groups of students, enhancing workflow efficiency.
- Implemented curriculum aligned with company goals, demonstrating project management skills.

## EDUCATION

**University of California, San Diego** La Jolla, CA

- BA Creative Writing and Literature, July 11, 2010

## BOOTCAMP EXPERIENCE

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

- JavaScript: Mastered principles of writing code, researching syntax, and solving complex problems, utilizing JavaScript ES6, Node, Git, Github, and Command Line.
- Computer Science: Developed understanding of efficient data storage and search methods, learning sorting algorithms, data structures, object-oriented programming, and testing methodologies.
- Web Development Fundamentals: Built understanding of underlying internet technologies, and developed and deployed front-end and back-end projects, utilizing HTTP, servers, HTML, CSS, Responsive Design, Flexbox, and Heroku.
- Back-End Engineering: Gained proficiency in creating robust and modern back-end servers to manage and manipulate data for web applications, working with Express, SQL, and Object-relational Mappers.
- Front-End Engineering: Leveraged the power and flexibility of modern front-end frameworks to create single-page applications for the web, utilizing React, Hooks, Redux, and Web Sockets.
- Python: Applied acquired skills to rapidly adopt a new language and new tools, focusing on Python, Flask, SQLAlchemy, and Docker.