

Ozkar Alvarez

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[github](#) | [linkedin](#) | [portfolio](#)

SKILLS

Programming Languages TypeScript | JavaScript | Python | SQL | HTML/CSS

Technologies AWS | Docker | React.js | Node.js/Express | MongoDB | PostgreSQL | SCSS | Jest

EXPERIENCE

San Diego Community College District

May 2023 - Present

Full Stack Software Engineer - Project Assistant

San Diego, CA

- Led the architecture and development of a secure back-end Node.js application that ingested and transformed REST API data.
- Engineered a dynamic data storage system with a focus on data integrity, enabling faculty to have granular control over career information displayed on the website.
- Built an interactive front-end in TypeScript and React.js to present career insights through charts and OpenAI API, enhancing student decision-making.

WOBjay

Dec 2022 - May 2023

Front End Software Engineer

San Diego, CA

- Led the development of drag-and-drop functionality for the web builder module, substantially expanding its capabilities and user customization potential.
- Implemented data persistence strategies to synchronize custom web elements between the React.js/TypeScript frontend and MongoDB database, ensuring operational consistency.
- Actively participated in daily Agile Scrum meetings, contributing insights and feedback to foster continuous improvement in the agile development process.

NOTABLE PROJECTS

TrayectoAI

Apr 2023 - Present

Career Development Software

- Led the architecture and development of a large-scale application that enables users to search for, save, and apply to job postings. Additionally, it tracks their progress through AI-driven insights on the dashboard.
- Utilized React.js and TypeScript for the front-end development, and Node.js with Express, coupled with MongoDB for the back-end, ensuring a robust and scalable application infrastructure.
- Developed a Python microservice API to store external job applications by scraping LinkedIn job post URLs, providing users with a centralized repository for all job applications.
- Achieved significant user engagement with over 1,000 users registering upon the initial launch, demonstrating the application's immediate market impact and appeal.

Portfolio CMS

Feb 2023 - Present

Headless Content Management System

- Engineered a headless CMS architecture, decoupling frontend and back-end layers for greater flexibility in front-end technologies.
- Developed user-specific API endpoints secured with API keys, allowing for personalized retrieval and manipulation of portfolio content.
- Designed an intuitive dashboard for seamless management of projects and blog posts, featuring capabilities to add, edit, and delete content.
- Implemented an image upload feature integrated with AWS S3 buckets, supporting multiple file formats to streamline the content creation process.

Karoz

Apr 2022 - Present

Project Management Software

- Engineered a sleek, intuitive UI using React.js, delivering a native app-like performance across both desktop and mobile platforms.
- Allows users to effortlessly create boards and effectively organize tasks into customizable columns, promoting seamless workflow management.
- Showcased deep expertise in non-relational database architectures by integrating Firebase's Realtime Database to handle all data synchronization.

EDUCATION

Associate Degree - Web Development

San Diego Mesa College

San Diego, CA