

Dereck Angeles

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github.com/DereckAn

Education

Ensign College

Salt Lake City, Utah

Bachelor of Science in Software Engineering

Certificate in Computer Science

Skills

Languages: Python, Java, JavaScript, Typescript, Dart, SQL, Swift

English - Spanish

Frameworks: NextJS, Flutter, Django

Tools: Git, Supabase, Firebase, AWS, GitHub Actions

Experience

Full Stack Developer

Provo, UT

Protein House

Aug 2024

- Designed and optimized relational and non-relational databases to ensure efficient data storage, retrieval, and scalability, supporting both user-facing and backend operations.
- Built two interactive web applications using TypeScript with Next.js: a user-facing platform and a restaurant order management system, integrating robust APIs developed with Python and FastAPI.
- Implemented CI/CD pipelines, conducted automated testing, and ensured system stability through continuous monitoring, enhancing operational efficiency and user experience.

Software Engineering Internship

Remote

MapLarge

May 2024 – Aug 2024

- Engineered an interactive dashboard using Typescript and the MapLarge SDK, visualizing real-time user data and locations, demonstrating proficiency in front-end development and data visualization.
- Collaborated with senior engineers to implement and document advanced geospatial algorithms, contributing to the improvement of the company's core mapping technology.
- Optimized existing codebase and documentation, resulting in improved readability and maintainability of the company's software infrastructure.

Full Stack Web Developer Internship

Remote

Mustangbus Transportation

Jan 2024 – Apr 2024

- Implemented robust security measures, including token-based authentication, to fortify user and employee account security, ensuring data privacy and mitigating potential vulnerabilities.
- Collaborated with fellow programmers, providing technical guidance and assistance in resolving complex coding issues and bug fixes, fostering a supportive and productive team environment.
- Contributed to enhancing the application's user interface and design, focusing on creating an engaging and visually appealing experience for end-users, aligning with client requirements and industry best practices.

Projects

Alleviare Health Web Application

Page

- Designed and developed a comprehensive website from scratch using Astro framework, TypeScript, HTML, CSS, and Tailwind CSS, featuring a homepage, about page, contact form, blog, news section, product catalog, and more to support a palliative care business.
- Implemented an intuitive content management system (CMS) and created instructional videos to empower the client to independently update images, add/delete content, and manage her website without ongoing developer intervention.
- Ensured a clean, responsive, and user-friendly interface optimized for both desktop and mobile users, enhancing the client's online presence and preparing the platform for public launch.