

Dereck Angeles

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github.com/DereckAn

Education

Ensign College

*Bachelor of Science in Software Engineering
Certificate in Computer Science*

Salt Lake City, Utah

Graduated: April 2025

Skills

Languages: JavaScript, TypeScript, PHP, Bash, Python

English - Spanish

Frameworks: NextJS, Vue.js, React, Spring Boot, NodeJs, Laravel

Tools: Git, AWS, MySQL, PostgreSQL, Redis, Docker

Experience

Full Stack Developer

Remote

Protein House

Aug 2024

- Architected a complete fullstack application including product catalog, shopping cart, checkout flow, and payment integration using Square and AWS services
- Integrated dynamic product pages, filters, and a real-time shopping cart with local and global state management (Redux / Zustand / Context API)
- Created robust RESTful API endpoints using Next.js API routes and Node.js for handling products, orders, and user data.
- Built a scalable, cloud-native Restaurant solution leveraging modern JavaScript (TypeScript), server-side rendering, and CI/CD workflows for production-grade deployment.

Software Engineering Internship

Remote

MapLarge

May 2024 – Aug 2024

- Developed applications using TypeScript and the MapLarge SDK to provide workers and clients with access to critical information. Implemented mapping algorithms and queried databases to retrieve data efficiently, optimize performance, lightweight design, and user-friendly interfaces.
- Worked with senior engineers to implement advanced geospatial algorithms, improving the company's core mapping technology while ensuring compliance with security standards.
- Collaborated in a team to design, rewrite, and document enterprise algorithms, enhancing accessibility, control, and management of technologies utilized within the MapLarge platform.

Full Stack Web Developer Internship

Remote

Mustangbus Transportation

Jan 2024 – Apr 2024

- Engineered backend APIs using Node.js and Express to handle customer reservations, driver task management, and availability updates, interfacing with Redis for fast in-memory data caching.
- Utilized React Router to create dynamic, user-specific routes (driver vs customer) and Redux for managing global state, including real-time availability and notifications.
- Built secure authentication and authorization flows using JWT and OAuth, ensuring safe and role-based access control for customers and drivers.
- Managed and optimized interactions with the database, implementing efficient data retrieval strategies for large volumes of bookings and tasks.

Projects

Job Interview Trainer

In Progress

Developed an AI-powered web platform to prepare users for technical job interviews. Users input work experience, job role details, strengths, and programming languages, enabling the AI to generate tailored questions, ranging from basic to advanced based on experience level. Features real-time transcription, role-specific queries, and post-interview feedback. Deployed scalable backend with Quarkus and Docker on AWS, and frontend with Next.js on Vercel.

- **Technologies:** Next.js, Quarkus, Docker, AWS, Vercel

Palliative Care Page

Page

Created and optimized a web platform using HTML, PHP/Laravel, improving user experience and site performance. Implemented secure user authentication systems.

- **Technologies:** PHP, Laravel, JavaScript