Dereck Angeles

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Education

Ensign College   **Salt Lake City, Utah**
Bachelor of Science in Software Engineering   *Expected 2024*
GPA: 3.57

Skills

Languages: Python, Java, JavaScript, Dart, SQL, Bash, Swift   **English - Spanish**
Frameworks: React, NextJS, Flutter, Fast API, Django
Tools: Git, Supabase, Firebase, AWS, GitHub Actions

Experience

Academic Support Specialist   **Salt Lake City, UT**
Ensign College   *July 2021 — Present*

- Analyzed and categorized test data for over 300 students, providing personalized feedback and guidance to support their academic growth and development.
- Delivered individualized mentorship and guidance to students, offering advice and support tailored to their specific needs and academic goals, fostering their success and personal growth.
- Collaborated closely with professors to develop comprehensive course materials, including assignments and assessments, ensuring alignment with curriculum objectives and industry best practices for undergraduate courses.

Full Stack Web Developer Internship   **Remote, UT**
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

AI Tools   *GitHub*

- Architected and implemented a scalable backend system using Django, facilitating seamless integration and communication with frontend components, ensuring optimal application performance.
- Deployed both frontend and backend services on AWS (Amazon Web Services) cloud platform, leveraging auto-scaling and load balancing capabilities to ensure high availability and reliability.
- Containerized services using Docker, enabling efficient orchestration and management of the deployment process, promoting consistency across different environments.
- Designed and implemented a robust data storage and retrieval solution utilizing MySQL, optimizing query performance and data integrity.

Games App   *GitHub*

- Implemented various design patterns and architectures to ensure code modularity, maintainability, and extensibility, adhering to industry best practices.
- Integrated local device storage for persisting user preferences, high scores, and game progress, enhancing user experience.
- Leveraged MongoDB, a NoSQL database, to facilitate real-time multiplayer functionality for the Tic-Tac-Toe game, enabling users to compete with opponents globally.