EMIR CRUZ MALDONADO
Software Engineer

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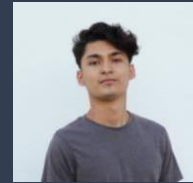
Objective

Innovative Frontend Developer with AWS Developer - Associate certification and robust experience in web and mobile development. Adept at teamwork and collaboration and with C2 English level, contributed significantly to the FreeWay Startup app by developing 25% of its front-end. Successfully designed, developed, and deployed a full-stack web application for the University. Played a key role in creating "ContratApp," a mobile application for job seekers and employers, as part of the certification project at BrightCoders Academy. Seeking to leverage my skills and passion for delivering innovative solutions while adhering to best practices.

Experience

Frontend Developer
MxMart Solutions
Nov 2023 – Present

Developed AWS-based applications using Next.js with TypeScript, ReactQuery and Tailwind CSS for the front-end, and AWS Amplify, IAM, Cognito, Lambda, DynamoDB, SQS, and API Gateway for the backend. Utilized AWS CodeCommit and Git for version control. Engaged in self-paced learning of AWS services, consistently testing and demonstrating knowledge to ensure proficiency and up-to-date skills.

Key Responsibilities and achievements:
- Modular development of web applications.
- CI/CD development.
- Responsive designs.

React Native Mobile Developer
BrightCoders
May 2023 – Sep 2023

Developed mobile applications with technologies such as React Native with TypeScript, while implementing good practices, test-based development and tools for managing local and remote repositories as well as connection to APIs such as Firebase. In addition to developing fundamental skills in software development such as teamwork and effective communication using an agile methodology.

Full Stack Developer
Universidad de Colima
Feb 2023 – May 2023

Developed a comprehensive web application for a fictional hardware store using React.js for the front end, designed from scratch in Figma. Created the backend with Node.js and a NoSQL database on MongoDB, featuring validated login and encrypted passwords using the bcrypt algorithm, and supported multiple profile management. Deployed the backend on Railway.app and the front end on GitHub Pages.

Flutter Mobile Developer
FreeWay MX
Oct 2021 – Nov 2023

Key Responsibilities and achievements:
- Supported FreeWay app development processes.
- Verified that software met requirements.
- Collaborated on future projects and features.
- Suggested a screen re-design that was implemented.
- Found and fixed several validation bugs, increasing the app's performance by 12%

Education

Telematics Faculty - Software Engineering
Universidad de Colima, Colima, COL.
Expected to graduate in June 2024.

Engineering Area
Universidad de Colima High School, Colima, COL.
Graduated in 2020.

Certifications

- React Query: **DevTalles**
- AWS Certified Developer - Associate: **AWS.**
- AWS Certified Cloud Practitioner: **AWS.**
- React Native Application Developer: **BrightCoders Academy.**
- React + Redux Course (certificate): **Solo Learn.**
- Desarrollo de Interfaces artísticas orientadas a la web (constancy): **Universidad de Colima.**

Skills

- C1 English Level
- Decision making
- Creative thinking

- Collaboration
- Problem solving
- Attention to detail

- Project management
- Communication
- Self-Learner