




# Emir Cruz Maldonado

Software Engineer | Full-Stack & AI Dev | Amazon Certified

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## SUMMARY

Full-Stack Developer with Front-end focus carrying a solid +3-years trajectory in developing and coordinating **web**, **cloud** and **mobile** based solutions at professional environments. Proficient in React, Next.js, Flutter, Python and Node.js. AWS Certified as **Cloud Practitioner**, **IA Practitioner** and **Developer Associate**. Worked on projects involving **Generative AI**. Specialized in scalable solutions, delivering high client satisfaction, and efficient project management. Adept at teamwork & **C1 English level**.

## EXPERIENCE

### Full-Stack & IA Developer

**MxMart Solutions**     Nov 2023 – Present     Zapopan, Jalisco

Amazon Partner software consultancy company. Worked as Full-Stack Developer with focus on Front-End & Generative AI Solutions.

- **Generative AI RAG Solutions in the Cloud:** Participated in developing multiple Generative AI Solutions based on the Cloud with agile methodologies, increasing productivity of clients by 60%. Utilized AWS Bedrock with Claude LLMs, Railways, Bedrock Agents, Knowledge Bases, Lambda, API Gateway, S3, Textract and Next.js.
- **Embedded WebApp Module:** Web-based responsive academic application module for editing videos on the browser using a YouTube URL. Led small team to develop 20% of the front-end with AWS Amplify for a CI/CD development, React/Next.js, TypeScript, React Query, Context API and Tailwind CSS with a Mobile First approach.

### React Native Mobile Developer

**BrightCoders**     May 2023 – Sep 2023     Colima, México

Remote Bootcamp focused on Full-Stack development of mobile apps.

- **ContratApp:** Full-stack job finding app with the Tinder “swipe” mechanics. Team lead of the mobile developers; Implemented an agile methodology, version control and CI/CD of software. Developed a NoSQL backend and API with Firebase. Designed UI/UX prototypes with Figma. Utilized React Native with TypeScript for mobile hybrid development. Earned me the certification.
- **Flight Booking App:** Solo app for reserving flights. State management using Redux Toolkit. Login with OAuth using Google API & Firebase.

### Software Developer

**FreeWay MX**     Oct 2021 – Nov 2023     Colima, México

Logistics startup company; contributed as mobile and web developer.

- **FreeWay Mobile App Client:** Hybrid CRUD app for managing freight status transport between carriers and clients. Developed 25% of the mobile front-end app using Flutter with Dart, a strong typed language, connected to API endpoints via GraphQL. State management with Providers.
- **FreeWay WebApp Dashboard:** Web app dashboard for managing mobile app accounts approval. I worked at the front-end team using React.js with TypeScript, Chakra UI, managed state and consumed data with REST APIs.
- **FreeWay Icons Library:** Custom high-quality icons library for exclusive use at the app development. Version control with Git & GitHub and SCRUM.

## EDUCATION

### Degree in Software Engineering

**Telematics Faculty, University of Colima**     Colima, México

### Engineering Area

**University of Colima**

 Colima, México

## STRENGTHS

JS

### JavaScript Expertise

+5 years of experience with JavaScript & TypeScript, coded efficient, responsive & maintainable web applications.



### Scalable solutions

Completed several courses and projects using best code principles such as KIS, SOLID, DRY, Modules, Error Handling, Testing, Documentation & Refactoring.



### Self-learner

Eager to acquire new knowledge daily by constant courses completion and practice developing [personal projects](#) at spare times

## SKILLS

<a href="#">JavaScript</a>	<a href="#">React</a>	<a href="#">Next.js</a>	<a href="#">Python</a>
<a href="#">TypeScript</a>	<a href="#">CSS/SASS</a>	<a href="#">HTML</a>	<a href="#">Flutter</a>
<a href="#">TailwindCSS</a>	<a href="#">SQL / NoSQL</a>	<a href="#">Jest</a>	<a href="#">Docker</a>
<a href="#">GraphQL</a>	<a href="#">Node.js</a>	<a href="#">Git</a>	<a href="#">AWS</a>
			<a href="#">GenAI</a>

## CERTIFICATIONS

### AWS Certified Developer - Associate

Amazon Web Services (AWS)

### AWS Certified AI Practitioner (Early Adopter)

Amazon Web Services (AWS)

### Python Complete Course

Udemy

### React Native Application Developer

BrightCoders Bootcamp

### Node.js – From cero to expert

Udemy

### Next.js – React’s Framework for Prod

Udemy

### English Score – Core Skills Test C1

British Council