

# Carlos Maldonado

Senior Full Stack Engineer

Phone: +1 (757) 986 9652 • Email: [srmariano23@gmail.com](mailto:srmariano23@gmail.com)

LinkedIn: <https://www.linkedin.com/in/carlos-maldonado-53772932a>

## PROFESSIONAL EXPERIENCE

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### Full Stack Engineer • 02/2024 – 08/2024

**TeleFi** • Atlanta, GA

*Developed and maintained salon management dashboard with message queues utilizing React, Node.js, and **AWS Lambda***

- Collaborated closely with a team of 8 members to design and implement the dashboard, ensuring efficient communication and seamless integration between frontend, backend components and third-party API
- Leveraged **Next.js** 13 components to translate UI/UX designs into responsive and user-friendly interfaces, resulting in an improved user experience for salon owners and staff
- Researched and integrated three emerging frontend technologies into ongoing projects, generating a 25% improvement in application loading speed
- Implemented dashboard functionality to manage chart graphics, bookings, appointments, inventory, and customer data, providing salon owners with three.js to streamline operations and enhance productivity using Node.js
- Deployed the dashboard application on AWS, Cognito, **GraphQL**, leveraging services such as Amazon S3 for hosting static assets and Amazon CloudFront for content delivery in Node.js, ensuring high availability and performance
- Troubleshoot and resolved frontend issues, ensuring a smooth user experience and minimizing downtime by 20%

### Full Stack Engineer • 10/2022 – 02/2024

**Intetics** • Naples, FL

*Developed cutting-edge communication platform that allowed users to connect, chat, and collaborate in real time application boasted impressive features like file sharing, video conferencing, and secure authentication mechanisms*

- Cooperated closely with team of 15 members to develop company's healthcare SaaS system using **React**, Redux, Electron, Node.js, **Express**, MySQL and build tools like **webpack**
- Leveraged Django, flask to set up and configure whole backend infrastructure from scratch, including database setup, developing REST APIs in **Python**, **PostgreSQL**, ORM which escalated scalability and security by 40%
- Translated 9 UI/UX design wireframes into actual code using Next.js 13, React, **three.js** and ensured smooth operation of company infrastructure components resulting speed increase by 35% using **Python**
- Collaborated with 3 cross functional teams to ensure seamless integration of frontend and backend components
- Created over 12 responsive application UIs using React (ES6), Electron, Node.js and functional components libraries with support for switching between **Microsoft Azure** and **Google Cloud APIs**(GCP), Terraform
- Optimized application performance and refined UI responsiveness through code optimization and caching strategies by 10% using **React hook**, **Jest**, CDN links
- Carried out code reviews and provided guidance and mentoring to 6 junior developers

## Full Stack Developer • 01/2020 – 10/2022

### Amazon • Seattle, WA

*Collaborated to modernization of legacy codebases by assisting in their migration to modern React architectures, improving maintainability and performance of these projects by 45%*

- Mentored and guided a cohort of 8+ internships, resulting in a significant improvement in **JavaScript** and **TypeScript** skills, with 3+ completed projects
- Seamlessly integrated data from external sources using web technologies (and **RESTful APIs**), enhancing communication between the frontend and backend systems using Ruby and Go
- Implemented **Fetch**, **Axios**, and **WebSockets** to optimize data retrieval, resulting in real-time communication and enhanced interactivity
- Integrated **GraphQL** for efficient data management, which optimized API interactions and reduced data-fetching times by 42%
- Integrated **AWS Lambda** functions using **Node.js**, **Nest.js** to handle serverless backend logic, enabling scalable and cost-effective solutions for data processing and analytics
- Facilitated over 50 sprint planning sessions and tracked progress for 10+ projects, leading to a 20% improvement in on-time delivery rates with SEO optimization

## Frontend Developer • 01/2015 – 01/2020

### Icalia Labs • Austin, TX

*Orchestrated closely with 2 designers, 10 product managers, and QA teams to ensure delivery of high-quality software*

- Collaborated with the FESTOENTERTAINMENT team to design and develop 3+ websites and a feature-rich web apps using JavaScript, leading to an engaging cross-platform user experience with SEO optimization
- Delivered landing pages and websites for 15+ clients as a freelance JavaScript Developer, utilizing a tech stack consisting of **JavaScript**, and **Git**
- Leveraged JavaScript frameworks and libraries to build user-friendly interfaces, improving user engagement and satisfaction with issue-addressing tools like **AXE** and **WAVE**
- Employed agile methodologies to manage project timelines and deliver high-quality solutions that met client specifications and expectations

## SKILLS

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- Programming Language : JavaScript, TypeScript, Rust, Python, Go, Solidity
- Frontend Development: HTML, CSS, LESS/SASS, React.js, Angular, Vue.js, Svelte, Next.js, Bootstrap, TailwindCSS, MUI, Figma
- Backend Development: Node.js, Express.js, Nest.js, Python Flask, Ruby
- Blockchain: Solana, Ethereum, Bitcoin, Ton, XRPL, Remix
- API Integration: Web3, RESTful API, GraphQL, Fast API, ChatGPT, OpenAI
- Databases: MySQL, Oracle, PostgreSQL, MongoDB, Redis, Neo4J
- Version Control: Git, GitHub, Gitlab, SVN
- DevOps: Docker, Kubernetes, Jenkins, CI/CD, AWS, Heroku
- Testing: Mocha, Jest, Selenium, Cypress, Pytest
- Build Tools: Webpack, Babel
- Project Management: Agile, Scrum, Jira, Trello, Slack
- Operating Systems: Linux, Windows, macOS

## EDUCATION

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**Bachelor of Computer Science – University of Texas at Austin • Austin, TX • 08/2010 – 06/2014**

# CERTIFICATE

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- [Software Enginner](#)
- [Frontend Developer](#)
- [JavaScript](#)
- [ProblemSolving](#)
- [SQL](#)
- [NodeJS](#)
- [Rest API](#)