

# MOISES MACIAS

## Full-Stack Software Engineer

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### OBJECTIVE

Full-Stack Developer with over 12 years of expertise in software engineering, specializing in PERN and MERN stacks. Proficient in CI/CD practices using GitHub and AWS.

I love tackling complex problems and working with diverse teams to create high-quality software solutions. My leadership skills guide teams to success and foster a collaborative environment following Agile methodology.

### WORK EXPERIENCE

#### SENIOR FULL-STACK DEVELOPER

DECEMBER 2021 – JANUARY 2024

*Musth Corporation / Toronto, Ontario*

- Innovative CMS Development: Collaborated in the creation of a serverless CMS solution with multi-tenancy and Attribute Based Access Control using Next.js, Serverless Framework, and MongoDB.
- API and Microservices: Designed and maintained robust REST APIs and automation micro-services using Express.js, deployed on EC2.
- Front-End Development: Engineered dynamic Front-End components in Next.js, empowering users to create their own blog posts and news entries.
- CI/CD Implementation: Implemented a seamless CI/CD pipeline using GitHub Actions, ensuring continuous integration and deployment, which streamlined the development process and reduced deployment times.

#### SOFTWARE DEVELOPER

JUNE 2018– OCTOBER 2021

*Parkdale Centre for Innovation / Toronto, Ontario*

- Leadership in Agile Environments: Led the development of numerous software applications through GitHub, fostering a collaborative and productive Agile environment.
- Front-End Development: Developed dynamic Front-End components in React, empowering users to collaborate in a WYSIWYG application in real-time.
- Client Work: Successfully managed multiple client projects, delivering seamless Front-End UX solutions that integrate with existing API services.
- Product Management: Engaged with clients to gather product requirements and translated them into user stories and GitHub issues, effectively tracking and managing project progress.

#### COMPUTER SYSTEMS MANAGER

OCTOBER 2017 – FEBRUARY 2020

*German Star Motors / Toronto, Ontario*

- Vehicle Auction Tracker: Led the development of a system to track vehicles bought or sold at auctions across Canada and the USA using React Native, React, Express.js, and PostgreSQL.
- IT Support: Provided comprehensive IT support, focusing on networking and infrastructure maintenance. Managed and maintained network systems, ensuring optimal performance and security. Conducted regular infrastructure assessments and implemented upgrades to enhance system reliability and efficiency. Troubleshoot and resolved hardware and software issues, delivering prompt and effective solutions to minimize downtime.

#### ANDROID DEVELOPER

AUGUST 2016 – MARCH 2017

*ARCSA / Mexico City, Mexico*

- Criminal Record Scraper: Developed an Android app with a .NET API to query MySQL databases and trigger web scrapers searching for a person's public criminal records.

### EDUCATION

#### UNIVERSIDAD DEL VALLE DE MÉXICO

2017

*Electronics and Telecommunications Engineering*

*Mexico City, Mexico*

Typescript   Javascript   Python   Java   C#   Docker   Node.js   AWS Cloud   Android SDK   Cypress   Resolume   Unreal  
React.js   Next.js   .NET   React Native   React 360   MongoDB   PostgreSQL   Express.js   WebSocket   Jest   Chai   TouchDesigner