Mauricio **Hernández**

FULLSTACK DEVELOPER · SOFTWARE ENGINEER

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"Simplicity is the ultimate sophistication."

Summary

Experience in frontend and backend development with Javascript as main language. I love using the terminal and linux-based environments. Open to growth opportunities and hands-on driven learning.

SKILLS

Cloud	AWS: Amplify, DynamoDB
Back-end	NodeJs, .NET, REST API
Front-end	React, Redux, SASS
Programming	Javascript, Typescript, C#, Python
Languages	Spanish, English, Turkish

Education

ICESI *Cali, Colombia*
B.S. IN SOFTWARE SYSTEMS ENGINEERING *Enero. 2016 - Dec. 2020*
- Got a government scholarship for good performance in the ICFES test

Experience

Encora Inc. *Seoul, S.Korea*
SOFTWARE ENGINEER II *Jun. 2018 - Jan. 2021*
- Designed highly reusable components for usage across multiple projects with React
- Migrated a 25 years old CMMS built in XBapClient to React
- Implemented a BFF architecture design to couple new CMMS frontend to legacy backend built on WCF
- Lead SCRUM ceremonies

Avantica S.A.S. *Cali, Colombia*
SOFTWARE ENGINEER I - AMAZON *Jul. 2022 - Feb. 2023*
- Provided support to applications ecosystem, all hosted on AWS
- Changed client-side to server-side pagination and filtering to improved web apps performance
- Implemented responsive behaviour on React Native components
- Analized and solved problems related to data fetching on DynamoDB
- Used AWS Amplify to provision backend services and infrastructure

Encora Inc. *Cali, Colombia*
SOFTWARE ENGINEER I - INTERNAL PROJECTS *Aug. 2021 - Jul. 2022*
- Implemented full page table views with pagination, search and filters on React with AntD
- Created REST API endpoints in .NET 5.0 with full CRUD operations
- Researched and did a POC on Elsa Workflows library
- Standarized front-end complex components to gather business critical information

Avantica S.A.S. *Cali, Colombia*
SOFTWARE ENGINEER I - AMAZON *Jan. 2021 - Aug. 2021*
- Implement an ecosystem of application to support logistics operations. Two mobile apps, both for Android and IOS, and two web apps
- Implemented full mobile apps flows followgin UX/UI desings on Figma
- Modified pipelines configurations and instructions for both Android, on AWS CodePipeline, and iOS, on Jenkis
- Team work and collaboration to analyze and plan user stories using Jira as project management tool

Avantica Technologies S.A.S. *Cali, Colombia*
SOFTWARE DEVELOPER INTERN *Jul. 2020 - Dec. 2023*
- Develop full front-end features with NextJs as SSR framework for React
- Develop REST endpoints in NodeJs using Sequelize ORM for PostgreSQL
- Improved SQL database schema to meet chaging design requirements
- Improved REST API performance and usage

Undergraduate Research, Computer Vision Lab(Prof. Bohyung Han) *Pohang, S.Korea*
RESEARCHER FOR <DETECTING VIDEO'S TORRENTS USING IMAGE SIMILARITY ALGORITHMS> *Sep. 2012 - Feb. 2013*
- Researched means of retrieving a corresponding video based on image contents using image similarity algorithm.
- Implemented prototype that users can obtain torrent magnet links of corresponding video relevant to an image on web site.

Certificates

2023	**AWS Certified Advanced Networking - Specialty**, Amazon Web Services (AWS)
2023	**AWS Certified Developer – Associate**, Amazon Web Services (AWS)
2023	**AWS Certified Cloud Practitioner**, Amazon Web Services (AWS)
2022	**AWS Certified Security - Specialty**, Amazon Web Services (AWS)
2022	**AWS Certified Solutions Architect – Professional**, Amazon Web Services (AWS)
2019	**AWS Certified Solutions Architect – Associate**, Amazon Web Services (AWS)
2021	**AWS Certified SysOps Administrator – Associate**, Amazon Web Services (AWS)
2020	**Certified Kubernetes Application Developer (CKAD)**, The Linux Foundation
2023	**HashiCorp Certified: Consul Associate (002)**, HashiCorp
2023	**HashiCorp Certified: Terraform Associate (003)**, HashiCorp
2020	**HashiCorp Certified: Terraform Associate (002)**, HashiCorp

Presentation

DevFest Seoul by Google Developer Group Korea *Seoul, S.Korea*
PRESENTER FOR <HOSTING WEB APPLICATION FOR FREE UTILIZING GITHUB, NETLIFY AND CLOUDFLARE> *Nov. 2017*
- Introduced the history of web technology and the JAM stack which is for the modern web application development.
- Introduced how to freely host the web application with high performance utilizing global CDN services.

6th CodeEngn (Reverse Engineering Conference) *Seoul, S.Korea*
PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS> *Jul. 2012*
- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

6th Hacking Camp - S.Korea *S.Korea*
PRESENTER FOR <METASPLOIT 101> *Sep. 2012*
- Introduced basic procedure for penetration testing and how to use Metasploit