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Education

Universidad Anahuac Oaxaca
Systems and IT engineering (2017 August – 2022 December)

Courses & Certificate

- AZ -900: Microsoft Azure Fundamentals
- AWS Academy Graduate - AWS Academy Cloud Foundations
- Red Hat System Administration I (RH124)
- Hackerrank Problem Solving (Intermediate)
- Hackerrank SQL(Intermediate)

Technical skills

- Programming languages (C++, Java)
- Databases (MySQL/MariaDB, Oracle)
- Web development (HTML, CSS, PHP, JavaScript)
- Frameworks (NextJS, Angular, React, Laravel)
- Version Control (Git)
- Container administration (Docker)

Work Experience

DIF Oaxaca

Full-stack developer (February – November 2023)

- Engineered more than 5 modules in Laravel and Vue to introduce new functionality within the core system.
- Devised and executed strategic procedures, queries, and functions in MySQL, resulting in an outstanding 90% enhancement in response times across hundreds of requests within the Oaxaca state infrastructure.
- Designed and implemented the official web page and system using NextJS, offering ongoing maintenance and support.
- Led the reorganization and improvement initiatives for planning and monitoring the distribution of state benefits to more than 2000 people each month.

Chili Guajili

Full-stack developer (Social service) (January – August 2022)

- Developed 4 modules using Laravel, MariaDB, and Webpack to improve the restaurant administrative processes reducing the administrative overhead 20%.
- Optimized processes and algorithms for the intranet PHP server, achieving an impressive 40% reduction in server response times, resulting in improved user experience and increased productivity company-wide.
- Managed the MariaDB database to ensure seamless functionality by designing and implementing triggers that allowed the database to execute the queries up to 30% faster.

Major projects

Sectur system (Web page).

- Development of a website to showcase tourist destinations within the state of Oaxaca with Angular, Golang and docker.
- Contributed to front-end development and managed the creation and administration of the database.

Store (Political committee)

- Development of an inventory system that allow the committee to monitor concurrently more than 20 vehicles and their incident history for each one of them.

Other experiences

- Participated in the international competition of programming (ICPC) arriving at national stage.

Language

- Native Spanish
- Intermediate English