PROFILE

Technologies:
SPRINGBOOT/Java/SOLR/
PHP/Laravel/Express/
Sequalize/React/Redux/
Hooks/MySQL/Mongo/Git
API Management & Rest Services

CERTIFICATIONS

Google Cloud Engineer
https://google.accredible.com/88844f
39-e85b-4985-83d3-a99c89bbb6a8

HOBBIES

Sports activities such as climbing, basketball.
Self-taught, always eager to keep learning.

GITHUB
https://github.com/AngelMond

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ÁNGEL MONDRAGÓN CALDERÓN
Developer
#Linux, Java, Solr, PHP, JS, Express, React

EDUCATION

Bootcamp Full-Stack - Tecnológico de Monterrey
January/2022 - August/2022: **Diploma as fullstack developer**

Universidad Virtual del Estado de Guanajuato - UVEG
Computer Systems Engineering
November/2023 - Present

WORK EXPERIENCE

Instituto Nacional Electoral - National Programming Directorate - Developer
January/2024 - Present

Development of various systems for INE. Development of a chatbot and applications with role management systems. Experience integrating and consuming an LDAP for authentication into systems within a VPN. Development of microservices in PHP with Laravel, implementing methods for generating PDF reports and downloading them from the frontend. Implementation of APIs for validating SAT .cer and .key certificates for document signing.

Collaboration in creating relational database architectures in MySQL and PostgreSQL, optimizing performance and preventing unnecessary use of joins.

Development of responsive graphical interfaces for various web applications using React. Implementation of user sessions, management of global states with Redux, Context API, and React hooks. Integration of Axios for managing HTTP requests and handling local storage with LocalStorage and cookies. Application of Clean Architecture principles and best practices in code modularization and organization, ensuring maintainability and scalability. Creation of reusable components to avoid code duplication and enhance development efficiency.

Experience with static code analysis and application security testing tools such as Sonarqube and ZAP. Mitigation of application vulnerabilities through Nginx server configuration and handling JavaScript code compilers.

Application Architecture and Documentation
Creation of application architecture, user manuals, server configuration manuals for Linux, and installation manuals for deploying developed applications to production. Implementation of Gitea on a server using Docker to create private git repositories within a VPN. Use of Git for code versioning.

Skills with Google Cloud Platform

Creation of virtual machines and instance groups. Experience deploying applications with services like Cloud Run and Cloud Build and managing load balancers provided by these services.

Cuatro Networks
August/2022 – December/2023 **- Developer**

Development of a Platform for the Honduras Stock Market implementing backend functionalities and designing graphical interfaces on the frontend. Experience in creating interfaces with React and Vue, backend development with Express, and CRUD functionalities over a MongoDB database. Implementation of secure sessions with user authentication using JWT.

Development of a web application for the Financial Intelligence Unit (UIF), with microservices in Spring Boot. Implementation of methods for reading XML and XLSX files, integration of Apache Solr as a search engine, managing over 10 billion records. Creation of schemas, cores, and facets in Solr to optimize searches. Design of data structures to consume information through graphical interfaces. Development of these interfaces using React.