Andrés Felipe Hernández

Developer

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I´m a system and computer engineer from the Universidad de Caldas (CO), with over 2 years of expertise generating code in Java, Python and RoR for industries in the following sectors: (Hospital, Sports, General Services and Tourism) as well as university teaching.

I consider myself a dynamic and creative person, passionate abouts topics such as backend, frontend and databases. I enjoy teamwork using agile methodologies. What I am looking for is to continue growing technologically and to contribute innovative solutions to work challenges.

Expertise:

Cycle (February 2025 - Presente)
position: Full Stack Developer.
https://www.cycle.net.co/

Goals:
- Creation of CRUD Angular (.html, .SCSS, .ts).
- Implementation of reusable components with Observer (RXJS).
- Primeng (Angular).
- REST API with HttpClient (Angular).
- Endpoint (asp.NET with Hexagonal Architecture).
- Implementations with repository, services, Ports and adapters (asp.NET with SOLID).
- Use of Entity Framework Core (ORM).

Keywords:
Angular, Typescript, asp.NET, MSEntityFramework, RXJS, Primeng, Hexagonal Architecture, Azure DevOps.

FACIRES (March 2024 - December 2024)
position: Backend Developer, Frontend Flutter Developer.
https://scifamek.com/

Goals:
- Implementation of a middleware system (Java Spring Boot interceptors).
- Protection of API with interceptors (Auth JWT).
- Endpoint (Java Spring Boot) to generate work certificate in PDF (Base64) from .docx

- Implementation (Java Spring Boot) of QA system JUnit.
- Automatic code generator (GCA).
- CronJOBS Python for Backup of DB from firebase.
- Architecture DDD.
- Create new Widgets to APP.

Keywords:
Server, DDD, API, SQL, FIREBASE, Base64, Backend, Java, Spring Boot, CronJOBS, GCA, JWT, Junit, Flutter, Dart.

Deporty (January 2024 - June 2024)
Position: FullStack Developer.
https://scifamek.com/

Logros obtenidos:
- Implementation (Node js) of QA system Jest.
- LOG system (Node js).
- Develop use cases from backend to frontend (Node js - Angular).
- Angular material.
- Data model in firebase.

Keywords:
Server, JavaScript, TypeScript, RXJS,Angular, Angular Material, NodeJs, Microservices, CI, FIREBASE

Universidad de Caldas (February 2024 - October 2024)
Position: Introduction programming teacher, POO teacher, Database teacher, Software architecture teacher, QA teacher.
https://www.ucaldas.edu.co/

Logros obtenidos:
- Teaching computational thinking to new generations.
- Teaching software architecture and design patterns to new generations.
- Teaching how to plain software projects to new generations.
- Teaching how to test a software code and project to new generations.
- Algorithms.
- SQL/PLSQL.
- MongoDB.
- Java & Python.
- JUnit.

Keywords:
Teach Basic programming, Java, JUnit, Python.

Hospital departamental San Rafael de Risaralda Caldas (April 2023 - July 2023)
Position: Head of IT.
http://www.esehospitalsanrafael.gov.co/

Goals:
- Automatic reports of patients (Hospital KPI) (SQL, CNT, Python).
- Server Guard (Windows Server).
- Database Backups (SQL).
- Correction of budgetary movements (SQL).
- Correction of medical records and laboratory results (SQL).

Keywords:
Python, SQL, Postgresql.

Testeando SAS Manizales (August 2021 - December 2022)
Position: FullStack Developer.
https://www.netactica.com/
https://turismoi.co/

Goals:
- Trigger system to warnings (Admin, Clients, y providers) (Ruby)
- Creation of landing pages and views for new clients (Ruby, .erb)
- Automatic report of sales KPI (sales, reservations, sales intentions.) (SQL, Python, BI)
- Configuration of docker-compose for node updates.
- Deploy (Ruby - capistrano)
- Server guard (Linux)
- Solution of BUGs (API, FRONTEND, BACKEND) (Ruby)
- Implementation of recaptcha (Ruby, Recaptcha)
- Code review to lighten the server load CPU+RAM (Ruby cron jobs)
- Integration of nother API (MAPPING PRODUCTS) (Python, .csv)

Keywords:
Ruby on rails, API, BI, HTML, linux, Docker, python, SQL, GITHUB, deploy

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Rebold Manizales (August 2018 - August 2021)
Position: Unlayout.
https://letsrebold.com/es/

Goals:
- Knowledge of layout/grid system for newspapers, websites and advertising.
- Knowledge of display ad sizes.

Keywords:
Grid, layout

Skills:

- Python (Flask, Django, Pandas).
- Ruby (Ruby On Rails).
- JavaScript (NodeJs, Angular, TypeScript, RXJS).
- Java (Spring boot).
- PHP.
- API.
- MVC, DDD, Microservices.
- HTML5 (HTML, CSS, Js, JQuery, AOS, Bootstrap).
- Docker.
- SQL (PLSQL, MySQL, Postgresql, SQLserver, SQLite).
- NOSQL (MongoDB, Firebase).
- GIT & GITHUB, AWS.
- SCRUM.
- LINUX.
- ChatGPT.
- Testing (Junit, Jest, Mockito).

Education:
Universidad de Caldas (2014 - 2022)
System and computing engineer
Manizales, Caldas, Colombia.

Professional license COPNIA:
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Personal references:

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Best regards:

Andrés Felipe Hernández