CRISTIAN FLOREZ

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Software Developer

SUMMARY OF QUALIFICATIONS

- **Over 4 years' experience as a Software Developer,** with solid experience in systems analysis and web application development
- Effectively led and implemented short- and long-term high-impact projects, applying effective methodologies in consulting, management, and agile development
- Possess deep knowledge of programming languages, frameworks, tools, and modern technologies across both frontend and backend
- Excellent planning, problem-solving, organizational, and time-management skills
- Good communication ability to influence decision-making alongside stakeholders and lead teams with varying levels of experience and perspectives

TECHNICAL SKILLS

Frontend: HTML, CSS, Angular, React, JavaScript, TypeScript, Sass, Bootstrap, WordPress and Ionic
Backend: NodeJS, Express, Nginx, Rest API, .Net
Databases: Redis, PostgresSQL, MongoDB
Additional: Azure, Docker, Firebase, Git and Linux

EMPLOYMENT HISTORY

Full-Stack Developer, Supreme Court of Justice, Bogota, Colombia   2022 – 2024

Website Upgrade: *cortesuprema.gov.co*
- Worked on modernization of the main website of the Colombia Supreme Court of Justice
- Implemented a Content Management System (CMS) to improve site performance and enable efficient content management by the editorial team
- Deployed the application to the cloud, optimizing loading times and ensuring the system could efficiently handle institutional processes

Supreme Court Indexing and Search Application: *consultaprovidencias.cortesuprema.gov.co*
- Worked on designing and developing the database, backend logic, and the frontend structure that allowed the public to use when searching over 500,000 documents for court rulings
- Implemented and optimized searches, ensuring a fast and reliable user experience
- Reduced search time for individual documents from several minutes down to several milliseconds, and improved filters for better results
- Contributed to defining the application's architecture, prioritizing scalability, security, and performance throughout the development lifecycle
- Handled cloud deployment, performed continuous improvements, containerized the project using Docker, and adapted the interface for compatibility across multiple devices

Design/Implementation of Process Resource Management System: *ESAV.cortesuprema.gov.co*
- This new system was designed to completely manage the entire judicial process of the Colombia Supreme Court, including criminal records, case timelines, handling of criminal evidence, verification of registrations at the notary, and checking lawyer qualifications

- The IT team achieved the optimization and systematization of more than 80% of the process, reducing the average processing time from 4 months to just 10 days
- Contributed to the design of the relational database using PostgreSQL and supported the backend development with .NET
- Participated in the implementation of key modules such as automated document generation and worked across the entire CRUD workflow—from frontend to backend and database
- Assisted in packaging the application, cloud deployment, coordinating requests directly with magistrates and judges, and participated in data analysis to support strategic decision-making

Back-End Developer, SETI S.A.S, Bogota, Colombia   2021 – 2022

APP correct implementation and validation: *davivienda.com*
- Worked for one of the most important banks in Colombia on a project to develop a platform for selling properties, such as apartments and houses
- Actively participated in the design and implementation of a robust architecture to guarantee the platform's scalability and security, while constantly collaborating with backend developers, FrontEnd teams, and business analysts to ensure quality and compliance with requirements
- Ensured the correct logic of the system, which included verifying the financial history and risk analysis of each customer
- Used REST and SOAP services to ensure efficient and secure communication between systems

Front-End Developer, Quantum Connexion, Bogota, Colombia   2019 – 2021

Website design and create: *troop.com.co*
- Performed layout and styling to create an easy and intuitive experience for users
- Adjusted the design based on the screen or device size (responsive design)
- Integrated REST APIs to fetch data for different users and login information
- Designed and implemented intuitive and attractive user interfaces, focused on delivering an optimal and efficient browsing experience
- Worked collaboratively with design and backend teams to ensure seamless integration of components and services, always guaranteeing cross-browser and cross-device compatibility
- Applied best practices for frontend performance optimization, aiming to reduce loading times and enhance efficiency in every stage of the project

EDUCATION & TRAINING

Bachelor of Computer Systems Engineering, District University, Bogota, Colombia   2023

Technologist Data Systems Diploma, District University, Bogota, Colombia   2018