Jorge Alberto Juárez Rocha

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Software Engineer with over 2 years of experience in full-stack development. I have worked on web development projects, improving workflow efficiency and user satisfaction. I am effective under pressure and quick to learn new technologies

EXPERIENCE

Unlimited Circuits   **Aguascalientes (remote), México**
Software Engineer   *June 2024 – September 2024*

- Responsible for the comprehensive UX/UI design and full-stack custom development of the mobile application '100% Calvillense' for the Android platform. Implemented user-centered interfaces to ensure a smooth and intuitive experience, while also developing the technical infrastructure supporting the app's functionalities, from the frontend to backend integration using Firebase.

Comisión Municipal de Seguridad Ciudadana   **Morelia, México**
Software Engineer   *October 2022 – September 2024*

- Developed and maintained web applications and systems for the Morelia Police Department, focusing on enhancing public safety and operational efficiency. Led the backend development using Node.js to build scalable APIs and data processing, while utilizing Angular for dynamic and responsive user interfaces. Collaborated with cross-functional teams to integrate real-time data collection, reporting, and monitoring systems, ensuring secure access and streamlined operations for law enforcement personnel.

Setenal   **Jalisco (remote), México**
Software Engineer   *October 2023 – June 2024*

- Developed a hardware module for vehicle data acquisition, location tracking, and Bluetooth data transmission, specifically tailored for vehicles such as Daimler Trucks, Volvo Trucks, and Mack Trucks. Leveraged Arduino for sensor integration and control, enabling real-time data collection on vehicle performance and location. Implemented data analysis pipelines to process and interpret the gathered information, providing insights into vehicle operations and diagnostics. Ensured reliable Bluetooth communication for seamless data transfer, contributing to improved vehicle monitoring and fleet management.

Filament Go   **Aguascalientes (remote), México**
Software Engineer   *December 2022 – August 2023*

- Led the development and deployment of the 3D printing website Filament Go (filament-go.com), featuring advanced 3D rendering capabilities built with Laravel. Integrated a quotation tool that allowed users to upload 3D models and receive real-time pricing based on material and print specifications. Implemented a secure payment gateway for smooth transaction processing and developed a comprehensive order management system to track production and delivery. Focused on optimizing performance and user experience while ensuring scalability for growing demand.

EDUCATION

INSTITUTO TECNOLÓGICO DE MORELIA   **Morelia, Michoacan, Mexico**
Computer Systems Engineering   *June 2024*
Software Engineering Speciality

SKILLS

- Laravel
- React
- Angular
- Node.js
- Tailwind CSS
- CSS
- Kotlin
- Java
- TypeScript
- JavaScript
- C++
- PHP
- Python
- HTML5
- MySQL
- Android Studio
- Firebase
- Git
- GitHub
- GitLab
- StarUML
- Trello
- Jira
- Figma
- CI/CD
- Arduino
- IOT
- OOP
- UX/Ul

LANGUAGES

SPANISH	ENGLISH	GERMAN
Proficient(C2)	Upper Intermediate(B2)	Elementary(A2)