

Ángel Manuel Medina Cárdenas

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SUMMARY

Back-end developer specializing in high-performance systems using Java, Python, and PHP. Experienced in building cross-platform mobile apps with Flutter and Ionic. Skilled in designing scalable RESTful APIs and high-availability architectures. Familiar with TypeScript, Tailwind CSS, and Vue.js for smooth front-end integration. Fast learner, problem solver, and team collaborator focused on delivering impactful results.

EXPERIENCE

Full Stack Developer

December 2024 – July 2025

Clever Cloud

Mexico City

- Migrated a blogging web platform into a fully functional mobile application using Ionic and Vue.js, ensuring cross-platform compatibility and preserving all core system functionalities.
- Designed and developed scalable RESTful APIs in PHP following MVC architecture, applying best practices and performance optimizations.
- Led version control workflows for a 4-person development team using Git, Bitbucket, and Sourcetree, managing branch merges, pull requests, and code reviews, achieving a 30% reduction in integration errors and significantly enhanced code quality.
- Contributed actively to Agile development practices through daily stand-ups, sprint planning, and retrospectives, promoting team collaboration and process improvements, leading to consistent on-time delivery and a 15% increase in sprint velocity over three months.

SAP MM Assistant

June 2024 – August 2024

Grupo Rica | Coca-Cola

Pachuca de Soto, Hidalgo, Mexico

- Collaborated in SAP MM development and quality control environments, managing creation and updates of 250+ material records across multiple plants, warehouses, and sales channels, ensuring data accuracy and consistency organization-wide.
- Designed and implemented Visual Basic and Python macros to automate bulk material data loading, increasing throughput to over 30 products per minute and drastically reducing processing time by 90%.

PROJECTS

IoT Car | *Python, C++, Flask, Flutter, SQL Server, AWS*

May 2024

- Developed a full-stack IoT smart car project using ESP32 hardware for real-time control and data acquisition.
- Built a responsive web frontend and a Flutter mobile app to provide user control and monitoring capabilities.
- Developed a Flask backend connected to an AWS SQL Server database to manage device communication and serve the web application.
- Deployed the entire solution on AWS to ensure scalability and remote accessibility.

TECHNICAL SKILLS

Languages: Java, Python, C, PHP, TypeScript, Dart, R

Frameworks: Vue.js, Flutter, Ionic, Flask, Express, Spring, Tailwind CSS

Developer Tools: Git, GitHub, Bitbucket, Postman, Power BI, Office Suite, Atlassian Suite

Databases: MySQL, PostgreSQL, SQL Server

Cloud: AWS, Azure

CERTIFICATIONS

AWS Academy Cloud Foundations, Cisco Junior Cybersecurity Analyst, SAP KPMG, Oracle Java Foundations.

EDUCATION

Instituto Tecnológico de Pachuca

Pachuca de Soto, Hidalgo, Mexico

Bachelor of Engineering in Information and Communication Technologies

August 2020 - June 2025