MATEO MONTOYA ARISTIZABAL

SOFTWARE DEVELOPER - MOBILE DEVELOPER

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• ABOUT ME

An accomplished software engineer with over four years of experience delivering innovative solutions to modern challenges, specializing in mobile platforms like Android and Flutter, as well as backend technologies. My expertise includes harnessing cutting-edge technologies, with a strong focus on cloud solutions such as Amazon Web Services (AWS) and Google Cloud Platform (GCP), along with a keen interest in artificial intelligence.

I have successfully contributed to the development of numerous applications across industries, including banking, finance, and the airline sector, serving large user bases throughout Latin America. A highlight of my career was playing a key role in developing an innovative app in Medellín, Colombia, which delivered transformative solutions to the region.

I firmly believe that software is the driving force behind industry transformation and has the potential to reshape the world. My passion lies in exploring and implementing innovative solutions that challenge technological boundaries and create a meaningful impact.

• SKILLS

- **Backend Frameworks:** Experienced in utilizing backend frameworks, including Spring Boot for Java, Express for JavaScript, Django for Python, and Flask for Python, ensuring robust server-side application logic.
- **Microservices Architecture:** Familiar with designing and implementing microservices-based architectures, promoting modularity and scalability in complex software systems.
- **DevOps Practices:** Adherence to DevOps practices, including infrastructure as code (IaC), automated testing, and collaborative workflows, streamlining the development lifecycle
- **Database Management:** Proficient in both SQL and NoSQL database management, ensuring efficient and scalable data handling.
- **Android Development Expertise**: Proficient in crafting well-structured and high-quality mobile applications, adhering to industry standards and best practices. My experience encompasses a comprehensive skill set, including: dependency Injection,Android Jetpack Components,Firebase Integration,UI/UX Design Principles, Etc.
- **APIs and Mobile Development:** Well-versed in designing and implementing RESTful APIs, coupled with hands-on expertise in mobile development, contributing to the creation of dynamic and user-friendly applications.

- **Version Control with Git:** Adept at utilizing Git for effective version control, facilitating collaborative development and ensuring code integrity**.**
- **Cloud Technologies:** Extensive hands-on experience with cloud platforms such as AWS, Azure, and GCP, enabling seamless integration of cloud services and optimizing overall system performance.
- **Software Architecture:** Possess a solid understanding of software architectural principles and patterns, ensuring the development of robust, scalable, and maintainable solutions.
- **CI/CD (Continuous Integration/Continuous Deployment):** Proven proficiency in implementing CI/CD pipelines, streamlining development workflows and ensuring rapid, reliable software delivery.
- **Multilingual Competence:** Hands-on experience with multiple programming languages not only broadens my skill set but also underscores my ability to adapt to diverse project requirements.

EDUCATION

Engineering, Software engineering

University of Medellin, Medellin, 2023

WORK EXPERIENCE

Android Developer

Applaudo Studio, San salvador, 2024-01 - 2024-12

- Led the end-to-end design, development, and optimization of mobile applications tailored to the Android platform.
- Ensured applications delivered seamless user experiences by following modern design principles and best coding practices.
- Continuously maintained and improved existing applications to meet performance, stability, and user satisfaction benchmarks.
- Gained hands-on expertise in modern mobile development tools, libraries, and frameworks, including Jetpack components, Kotlin, and MVVM architecture.
- repared detailed technical reports, project updates, and briefings for stakeholders to ensure transparency and alignment throughout project lifecycles.
- Actively participated in sprint planning, retrospectives, and daily standups, fostering efficient team communication and delivery.
- Ensured compliance with company policies, procedures, and security standards during development and deployment phases.
- Implemented development best practices, such as clean code principles, modularization, and performance optimization strategies.
- Monitored application performance post-deployment using analytics tools, gathering insights for future enhancements and iterations.

Backend Lead, Tech Lead - Flutter Developer

Digital Envision - EnMedallo, Medellin, 2023-08 - 2024-02

- Provided technical leadership and vision for the entire development team.
- Drove the adoption of best practices, coding standards, and development methodologies.
- Collaborated with product managers to define technical requirements and project timelines.
- Oversaw the architecture and design of complex software solutions.
- Conducted regular knowledge-sharing sessions and workshops to foster a culture of continuous learning.
- Acted as a key liaison between development teams, stakeholders, and upper management.
- Led the evaluation and implementation of new technologies to improve overall system performance and efficiency.
- Directed the backend development team in designing, implementing, and maintaining robust server-side applications.
- Architected scalable and efficient backend systems to support high-traffic mobile and web applications.
- Collaborated with frontend developers to define API specifications and ensure smooth integration.
- Oversaw database management, ensuring data integrity, security, and optimal performance

- Conducted regular code reviews and provided technical guidance to team members.
- Collaborated with UI/UX designers to implement visually appealing and responsive user interfaces.
- Implemented and maintained features, ensuring seamless integration with backend services.
- Optimized application performance for a smooth user experience across various devices.
- Stayed abreast of the latest Flutter updates and best practices to ensure the use of cutting-edge technology

Freelance

None, Medellin, 2019-01 - 2021-03

• In the role of a Freelance Software Developer, their responsibility is to offer professional software development services on a project-by-project basis. They work independently and engage with clients to comprehend their requirements, create tailor-made software solutions, and ensure the timely delivery of high-quality products. Achievements or role description

• Work on a variety of projects in multiple fields such as music, construction, marketing, etc.

• Develop the basic and advanced principles of software development

COURSES

2019
SQL For Data Science

2021
Using Git For Distributed Development

2021
Scrum Foundation Professional Certificate Certiprof

2023
GitLab CI: Pipelines, CI/CD, and DevOps for Beginners

2023
The Complete Android 13 App Development BootCamp 2023

2023
DevOps con Docker,Jenkins,Kubernetes, Git,GitFlow CI y CD

2023
Android 14 App Development Bootcamp 2023

2024
AWS Certified Cloud Practitioner

Android Developer

Applaudo Studio, San salvador, 2021-03 - 2023-06

- In the role of an Android Developer, we were responsable for designing, developing, and maintaining high-quality mobile applications for the Android platform.
- Collaborated on multiple projects for renowned companies in Central America and the United State
- Achieved expertise in the field of mobile development
- Orchestrated preparation of reports and briefings.
- Implemented of company policies and procedures.
- Executed Project and program development.
- Coordinated control and monitoring of information.

COURSES

- **English - C1**
- **Spanish - Native**

2024
Google Cloud Associate Cloud Engineer

REFERENCE

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