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Summary

I am a software engineer with over five years of industry experience, specializing in cloud services, particularly focusing on observability and management. Currently, I am part of projects at a leading investment firm, immersing myself in the complexities of the financial sector, a domain that deeply interests me.

I've designed various architectures in AWS and developed robust solutions using dotnet, python, and go, leveraging MongoDB and GraphQL. Beyond my professional pursuits, I actively engage in physical and mental health, personal finance, education, physical activity, and video games, seamlessly integrating them with my professional growth.

I've spearheaded numerous migration initiatives to reduce latencies and costs and implement cutting-edge frameworks. Engaging in agile methodologies, I meticulously plan activities, master stakeholder communication, and ensure continuous value delivery. Additionally, I've played a pivotal role in crafting core business products, pioneering data migration methodologies, observability integration, and innovative design patterns.

Within my teams, I embody empathy, reliability, and communication, offering unwavering support for internal and external endeavors. I relish participating in integration efforts or extending assistance to charitable foundations.

Experience

GBM Software Developer Engineer

GBM

Apr 2022 - Present (1 year 11 months)

I have collaborated across various teams, improving my software development proficiency and deepening my comprehension of cloud services.

- Achieved a 30% reduction in RCU and WCU costs for DynamoDB resources.
- Enhanced service latency by 20%.
- Orchestrated AWS Glue data migration for single-table design.
- Implemented observability practices in new services to foster comprehensive business and development understanding.

Additionally, I have contributed to the GBM committee, where I played a pivotal role in selecting foundations for support and volunteered my time for children's events.



Junior Software Engineer

Tata Consultancy Services

Aug 2021 - Apr 2022 (9 months)

I collaborated with a multicultural team, refining my communication skills with both colleagues and clients to deliver precise information. As a junior software engineer, I embraced software best practices, and design patterns, and adeptly grasped business requirements.

- Executed dotnet framework migration.
- Revamped client dashboards with Angular.
- Optimized database transaction latency by streamlining requests.

Lastly, I enhanced my English conversational proficiency through daily interactions with team members and clients.

Junior Dotnet Developer

Proyectos TIFA/PROSIS

Jan 2019 - Aug 2021 (2 years 8 months)

I actively participated in an internship program alongside junior developers, where I honed my problem-solving skills, improved communication, and gained a thorough understanding of government procurement processes.

- Migrated Visual Basic services to dotnet Core.
- Reduced production failures by 60%.
- Lowered latency in the toll booth system by 20% and cut costs by 10% through execution optimization.

Moreover, I played an integral role in defining and planning ongoing projects, and providing valuable technology suggestions to drive efficient solutions.

Education



Unidad Profesional Interdisciplinaria de Ingeniería y Ciencias Sociales y Administrativas

Ingeniería en Informática, Ingeniería informática

2017 - 2022

As a graduation project, and concerned about monitoring the health of Mexicans, we proposed a medical tracking system that is immutable, shareable, and understandable across public and private systems, aiming to maintain a reliable and useful medical history. I participated in the team as the architect of the solution, utilizing AWS infrastructure and MongoDB for registering test patients.

Licenses & Certifications



AWS Certified Cloud Practitioner - Amazon Web Services (AWS)

Skills

Analytical Skills • Software Design • Proactive • Team Leadership • Communication • Teamwork • Cloud Computing • Problem Solving • Team Collaboration • Trabajo en equipo