Kevin Morales

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Summary

Backend Developer with 4 years of experience building scalable and efficient systems using Python, Django, and FastAPI. Skilled in serverless architectures, RESTful API design, and cloud services (AWS), with a strong focus on performance optimization and reliability.

Experience

Backend Developer, K2 – Spain   Ago. 2025 – Jan. 2026

- Developed the user registration and login flow using Django and Redis, implementing OTP and Magic Link authentication with rate limiting to enhance security.
- Designed and implemented the database architecture and schema from scratch, ensuring scalability, normalization, and performance for a new company product.
- Collaborated on deployment automation using GitHub Actions and configured environments on AWS EC2, ensuring consistent and efficient development workflows.
- Integrated OpenAI API to deliver AIpowered features, handling prompt design, response validation, and rate limiting in production environments.
- Implemented a Retrieval Augmented Generation (RAG) system using OpenAI embeddings, Pinecone, and n8n to retrieve contextual knowledge and improve response accuracy.

Backend Developer, Habi – Colombia   Apr. 2023 – Oct. 2024

- Built and integrated serverless APIs and microservices with AWS Lambda, FastAPI, and Python, improving backend performance and inter-service communication.
- Designed DynamoDB schemas for event-driven workflows and implemented scheduled tasks with AWS EventBridge, automating processes and reducing manual operations by 60%.
- Developed and maintained internal CRUD endpoints with FastAPI and Pytest unit tests, achieving 90% test coverage.
- Created Lambda functions for automated email workflows, streamlining internal communication and notifications.

Product Manager, Tributi – Colombia   Aug. 2022 – Nov. 2022

- Designed UX improvements in Figma based on user behavior and support feedback.
- Analyzed A/B experiments using SQL to optimize pricing page conversion.
- Collaborated with developers to prioritize features and improve delivery cadence.
- Learned to manage and prioritize the tasks of a development team.

Backend Developer, Tributi – Colombia   Feb. 2022 – Aug. 2022

- Integrated Sendinblue API for automated email notifications and CI/CD workflows with GitHub Actions.
- Enhanced Django REST Framework serializers to expose additional data for frontend consumption.
- Created custom data migrations to fix ID format issues and improve database integrity.

Skills

Soft Skills Problem solving, Teamwork, Communication, Time Management
Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks: Django, Django REST Framework, FastAPI
AWS: DynamoDB, Lambda, EventBridge, Cloudwatch, SQS, S3, EC2
Databases: PostgreSQL, MySQL
Tools Docker, Git, Postman, Github Actions

Education

Maracaibo II, Bachiller   2012