

Marc Canlas

Philippines · iamgenesis435@gmail.com · +63 948 733 7849 · <https://www.linkedin.com/in/marccanlas>

SUMMARY

Senior Full Stack AI Engineer with 7+ years of hands-on experience delivering production-grade SaaS platforms. Expert in architecting AI-powered agents and workflows powered by LLMs (OpenAI, Claude) with robust prompt engineering, memory management, and tool integrations. Strong backend/API, frontend, cloud, and security capabilities, delivering scalable REST/GraphQL services, authentication, observability, and cost-conscious operations across AWS/GCP/Azure. Demonstrated end-to-end ownership from concept to production, partnering with founders and designers to translate requirements into high-impact solutions that improve response quality, speed, and reputation management. Committed to mentoring teams and driving engineering standards that accelerate delivery and reliability while maintaining a strong security posture.

SKILLS

AI/Agent Development: LLM integrations (OpenAI, Claude, Anthropic), prompt engineering, agent workflows, memory management, tool integrations, Retrieval-Augmented Generation (RAG), vector databases, LangChain/LangGraph

Backend/API: Python, Node.js, REST APIs, GraphQL, asynchronous processing, message queues

Frontend: React, Next.js, Vue.js

Cloud/DevOps: AWS, GCP, Azure, Docker, Kubernetes, infrastructure as code

Data/Databases: SQL, NoSQL, data pipelines, ETL, vector databases

Security/IAM: Authentication, Authorization, OAuth2, JWT, security best practices

Testing/QA: Unit testing, integration testing, end-to-end testing

CI/CD & Monitoring: CI/CD pipelines, monitoring, observability (Datadog, Grafana, Prometheus, OpenTelemetry)

EXPERIENCE

Actual SEO Media — Senior Full Stack AI Engineer

Jan 2024 - Apr 2026

- Led end-to-end AI agent development for review-response workflows powered by OpenAI and Claude, integrating tools and memory for autonomous operations.
- Built robust prompt engineering framework and AI workflow patterns, improving response reliability and reducing model cost by 18%.
- Architected scalable Python/Node.js backend with REST/GraphQL APIs, authentication, logging, and observability to support AI workloads.
- Implemented resilient API integrations with Google Business Profile, Yelp, and Facebook Reviews including webhook-based and scheduled synchronization, achieving 99.9% data-sync uptime.
- Developed customer dashboards in React/Next.js for analytics and AI-generated response management, driving user adoption and operational efficiency.

BROCENT — Senior Software Engineer

Oct 2022 - Dec 2023

- Drove cloud-native backend services in Python/Node.js, delivering REST/GraphQL APIs to support AI workloads and partner integrations.
- Integrated with external platforms and data pipelines for AI sentiment analysis and reputation insights.
- Implemented Dockerized CI/CD pipelines and deployed to Kubernetes, accelerating release cycles by 40%.
- Designed scalable SQL/NoSQL data models and data pipelines for AI processing, boosting data throughput by 2x.
- Mentored engineers, defined engineering standards, and introduced testing strategies to improve delivery quality.

Scorch iProspect — Senior Full Stack Engineer

Apr 2021 - Oct 2022

- Architected backend microservices in Python/Node.js to support AI workflows, exposed REST/GraphQL APIs and secure authentication.

- Built frontend dashboards in React/Next.js to visualize AI metrics, enabling rapid client decision-making and increasing engagement by 28%.
- Integrated with Google/Yelp/Facebook reviews via robust webhook-based sync and retry logic, achieving 99.8% data freshness.
- Established CI/CD pipelines and Dockerized services, reducing deployment time by 30%.
- Led cross-functional collaboration with product and design teams and mentored junior engineers.

Igen Technologies — Software Engineer

Jun 2019 – Feb 2021

- Developed full-stack SaaS backend in Python/Node.js, delivering scalable REST APIs and service-oriented architecture.
- Built data processing pipelines with SQL/NoSQL databases and developed analytics dashboards to monitor system health.
- Implemented authentication and authorization across microservices, aligning with security best practices.
- Drove reliability through observability and proactive incident response, achieving 99.95% uptime.

EDUCATION

University of the Philippines

Bachelor of Science in Computer Science (Apr 2015 – Mar 2019)