

# Ivan Sam Wabina

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## SUMMARY

Systems-oriented Fullstack Engineer specializing in AWS Cost Optimization and High-Throughput Backends. Proven track record in architecting resilient infrastructure and transforming complex business requirements into scalable, production-ready systems. Currently focusing on the AWS Well-Architected Framework, AI infrastructure, and automated Infrastructure as Code (IaC).

## EXPERIENCE

### Systems Developer & Project Lead

#### SAMAHAN Systems Development

August 2024 — June 2025

- Platform Leadership: Directed the backend engineering for a unified governance platform serving 8,000+ students during high-concurrency university event periods.
- BaaS Orchestration: Leveraged Supabase and PostgreSQL to implement complex Row-Level Security (RLS) policies and real-time database listeners for live updates.
- Database Architecture: Designed and optimized relational schemas to handle diverse student government data clusters while maintaining strict data integrity.

### Backend Engineering Intern

#### Infosoft

May 2024 — August 2024

- Process Automation: Enhanced the Project Procurement Management Plan (PPMP) system using Laravel, automating internal data synchronization and reducing manual entry errors.
- API Integration: Developed robust REST endpoints to bridge communication between internal procurement modules.
- Technical Documentation: Authored comprehensive system documentation that accelerated onboarding for engineering interns by 30%.

### Backend Developer

#### Gymeasy

April 2025 — Present

- AWS Cost Optimization: Re-engineered the core notification engine by migrating to a custom AWS architecture, achieving significant reduction in monthly operational costs compared to third-party providers.
- High-Availability APIs: Developed and maintained scalable Spring Boot APIs for critical membership management and secure payment processing, ensuring consistent 99.9% uptime.
- Infrastructure Consistency: Standardized development-to-production pipelines by containerizing microservices with Docker, reducing environment-related deployment errors.

## PROJECT

### Lambda News Engine

- Engineered a serverless OSINT pipeline that archives data 24/7 using AWS EventBridge triggers and persistent background earners.
- Stack: Node.js, AWS Lambda (Python), Amazon DynamoDB, API Gateway.

### Personal Brand Ecosystem & Admin CMS

- Engineering a high-performance portfolio using React 19 and a custom-built Admin Dashboard for internal observability and project logging.
- Focus: Secure authentication (JWT/OAuth) and modular architecture designed for future AI-driven content automation and system monitoring.

### Cloud Sentry (AWS Security & AI)

- Developed a cyberpunk-inspired SOC dashboard visualizing live AWS infrastructure attack vectors with sub-second latency.
- Integrated Amazon Bedrock (Claude 3) for real-time threat analysis and used AppSync (WebSockets) for zero-polling data propagation.

## EDUCATION

### Bachelor of Science in Computer Science

Ateneo de Davao University

## CERTIFICATIONS

### Laravel 9 Complete Multi-Vendor Ecommerce

Kazi Ariyan (Easy Learning)

**Selenium WebDriver with Python: Novice to Ninja**

Let's Kode It

**AWS Certified Solutions Architect – Associate**

• (In Progress / Candidate)

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**SKILLS**

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Docker, Terraform, GitHub Actions, CloudWatch, API Gateway, Route 53  
EC2, Lambda, ECS (Fargate), S3, RDS (PostgreSQL), DynamoDB, AppSync, IAM  
REST API Design, Microservices, Event-Driven Architecture, Serverless Design Patterns  
Spring Boot, NestJS, Laravel, React 19, Next.js, TypeScript, Tailwind CSS  
Node.js, Python

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