

# KENNETH AYCARDO

Lead Software Engineer · Full-Stack · AI Integration · Cloud & DevOps  
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[LinkedIn](#) | [Portfolio](#) | [Certificates](#)

## PROFESSIONAL SUMMARY

Lead Software Engineer with 3+ years of experience architecting enterprise-grade systems for government agencies, universities, and commercial organizations. Expert in React, Next.js, NestJS, and AI/LLM integration, with a strong track record of on-time delivery, cross-functional team leadership, and driving measurable performance improvements.

## TECHNICAL SKILLS

**Frontend:** React, Next.js, Angular, Vue.js, TypeScript

**AI/LLM:** Claude API, OpenAI, RAG Pipelines, Prompt Engineering, Claude Code

**Database:** PostgreSQL, MySQL, Redis, Prisma, Supabase, Query Optimization

**Backend:** NestJS, Node.js, FastAPI, Laravel, Python, PHP

**Cloud & DevOps:** AWS, GCP, Docker, CI/CD, Terraform, GitHub Actions

**Other:** Microservices, GraphQL, OAuth 2.0, Agile/Scrum, Team Leadership

## PROFESSIONAL EXPERIENCE

### Lead Software Engineer

2023 – Present

Quanby Solutions Inc. · Legazpi City, Philippines

- Architected and delivered 5+ enterprise web applications serving government agencies and academic institutions using React, Next.js, and NestJS.
- Designed RESTful microservices with RBAC, OAuth 2.0, and audit logging ensuring full regulatory compliance.
- Optimized database performance (PostgreSQL) through advanced indexing and query tuning — achieving 40% faster response times on high-traffic endpoints.
- Led stakeholder requirements sessions, translating government policy needs into technical specs delivered on time and within budget.
- Mentored junior developers, established coding standards, and managed code reviews to maintain team velocity and code quality.

### Freelance Software Developer

2022 – Present

Uswagon CS, Remote

- Developed responsive websites, custom dashboards, and online learning solutions for diverse clientele — end-to-end from consultation to deployment.

## KEY PROJECTS DELIVERED

Project	Client	Tech Stack
Learning Management System	State University	Angular, NestJS, PostgreSQL, GCP
Queue Management System	Gov't Agency & University	Angular, Socket.IO, NestJS, GCP
Document Management System	Gov't Agency	Next.js, NestJS, PostgreSQL, GCP
Visitor Counting System	Gov't Agency (NPDC)	Next.js, Python/YOLO, InsightFace
HRIS & Attendance System	Private Company	Next.js, NestJS, PostgreSQL, GCP

## EDUCATION

### B.S. Computer Science

2020 – 2024

Bicol University · Legazpi City, Philippines

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- IBM Systems and Solutions Architect
- Cloud Native, Microservices, Containers, DevOps & Agile
- Anthropic AIFluency: Framework & Foundation
- Claude: Google Cloud Vertex AI
- Video Surveillance System Certified Engineer
- Google Foundations of Project Management
- Software Testing, Deployment & Maintenance Strategies
- Claude: Amazon Bedrock
- Cloud Management System Certified Engineer
- OMADA Certified Network Administrator