

JOHN KRISTOFFER IMPERIAL BICIERRO

SOFTWARE ENGINEER

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EDUCATION

Ateneo de Naga University

Bachelor of Science in Information Technology

Naga, Region V

2022 - 2026

Software Development, System Design, Software Architecture, Database Systems, Computer Networking, Information Security

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, Python, Ruby, Java, C/C++

Frameworks: Next.js, React, Vue.js, Laravel, Ruby on Rails, Express.js, Django, FastAPI

Databases: PostgreSQL, MySQL, Oracle Database (PL/SQL), Firebase, MongoDB

Tools & DevOps: Git, Docker, Vercel, Google Cloud Platform (GCP), DigitalOcean

RELEVANT EXPERIENCES

Software Engineer | Ateneo de Naga University

May 2025 - May 2026

Python, PHP, PL/SQL, Laravel, Oracle Database PL/SQL, Docker

Contract

- Architected, developed, tested, and deployed a healthcare management system supporting **2 campuses and 4 infirmaries**.
- Integrated enterprise systems and migrated **500,000+ records with 13,000+ users**.
- Automated healthcare workflows through hardware integration to streamline manual processing.
- Collaborated with stakeholders by presenting system progress throughout the project lifecycle.

Full Stack Engineer | codekada

July 2024 - Mar 2026

JavaScript/TypeScript, Express.js, Next.js, Vue.js, PostgreSQL, MySQL

Self-employed

- Designed, developed, and deployed **4 production full-stack web applications** across education, e-commerce, event management, and government sectors.
- Collaborated with clients using **Agile methodologies** to deliver software iteratively.
- Led a development team through sprint planning, task management, and feature delivery.

Backend Engineer | Tindahang Tapat

Jan 2026 - Feb 2026

Ruby, Ruby on Rails, PostgreSQL, Docker

Internship

- Completed backend programming exercises ranging from fundamental to advanced concepts.
- Participated in code reviews with senior developers to improve code quality and learn industry best practices.
- Worked with the company's technologies and backend development workflow.

PROJECTS

Healthcare Information Management System | SHINRI

May 2025

Python, PHP, PL/SQL, Laravel, Oracle Database PL/SQL, Docker

Full Stack

Game Management Platform | Edge RP

Nov 2024 - Dec 2025

JavaScript/TypeScript, MySQL, Next.js, Paymongo API, Leaflet API

Full Stack

E-commerce Management System | Cha Collections

February 2026

JavaScript/TypeScript, Next.js, PostgreSQL, Supabase API

Full Stack

AWARD

Quantum Computing & Blockchain Hackathon

Champion, June 2025

Quantum Computing Society of the Philippines