

JASMERE PAUL CALAGUI

SOFTWARE DEVELOPER | FULL-STACK DEVELOPER

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PROFESSIONAL SUMMARY

Software Developer with a Bachelor of Science in Information Technology and hands-on experience building web, mobile, and AI-integrated applications. Experienced in Java, PHP, JavaScript, Spring Boot, MySQL, Firebase, REST APIs, and AI technologies. Skilled in Claude for AI-assisted development, prompt engineering, and building AI agents and workflows. Delivered real-world client systems including a Point-of-Sale (POS) system and an online booking system.

TECHNICAL SKILLS

- **Languages:** Java, PHP, JavaScript, Python
- **Web:** HTML, CSS, REST APIs | **Frameworks/Platforms:** Spring Boot, Spring AI, Android Studio, Firebase
- **Databases:** MySQL, SQLite | **AI:** Claude, AI Agents, Prompt Engineering, NLP, Machine Learning, OCR, Speech-to-Text
- **Tools:** Git, GitHub, Docker | **Core:** System Design, Debugging, Testing, Problem-Solving

PROFESSIONAL EXPERIENCE

Freelance Software Developer | KZDB 2025 – Present

- Developed web and application solutions for business clients, including frontend, backend, database, API, testing, and system integration work.

KZ Brewhaus | Point-of-Sale (POS) System

- Developed a POS system based on the client's business and operational requirements.
- Implemented application features, business logic, and database functionality.
- Tested and troubleshooted application and database issues and refined features based on client needs.

AzureNorth Pampanga | Booking System

- Developed a booking system to support the client's reservation and booking process.
- Implemented frontend, backend, database, and booking workflow functionality.
- Performed testing, debugging, and system improvements based on client requirements and feedback.

PERSONAL PROJECTS

VeriFact | Principal Investigator & Full-Stack Developer 2025

- Developed an AI-powered fake news detection system using NLP, Machine Learning, OCR, and speech-to-text.
- Designed frontend, backend, database, and AI integrations using PHP, Java, Spring Boot, Spring AI, and MySQL.
- Built an AI agent capable of performing live web searches and integrating retrieved information into the detection workflow.
- Conducted system testing, debugging, and performance improvements.

MindsHive | Project Leader & Full-Stack Developer 2026

- Led development of a mobile application using Android Studio and Firebase.
- Designed application features, user interfaces, database integration, and core system functionality.
- Coordinated development activities and performed application testing and debugging.

BlogMatatag | Project Leader & Full-Stack Developer 2023

- Developed a responsive blogging platform using HTML, CSS, JavaScript, PHP, and MySQL.
- Implemented database functionality and content management features.
- Led development activities and performed testing and debugging.

EDUCATION

Bachelor of Science in Information Technology | Graduated: 2026

CERTIFICATIONS & TRAINING

NDG Linux Essentials | Python Essentials | Networking Certificates | OJT Certificate of Completion

ADDITIONAL INFORMATION

Languages: English, Filipino