

JASON GABRIEL L. GUIJO

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JASON GABRIEL LAYOS GUIJO

PROFESSIONAL SUMMARY

IT Developer at Vienovo and BS Information Technology candidate (Polytechnic University of the Philippines, 2026) who builds and ships full-stack, production software end to end. Experienced across React, Next.js, Node/Express, and NestJS with MongoDB, PostgreSQL, and Redis, deploying to Azure and Vercel. Delivered enterprise systems spanning maintenance management, IT operations, forms and approval workflows — featuring real-time messaging, role-based access control, and integrations with Telegram, SAP, Microsoft Graph, and email. Seeking software developer roles building reliable systems at scale.

EDUCATION

Polytechnic University of the Philippines <i>Science in Information Technology</i>	<i>Expected Graduation: 2026 Bachelor of</i>
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TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Java, Kotlin, Python, SQL
- Frameworks & Libraries:** React, Next.js, NestJS, Node.js / Express, Jetpack Compose, Three.js, Socket.io
- Databases & ORMs:** MongoDB / Mongoose, PostgreSQL, Prisma, Room (SQLite), Redis
- Cloud & Tools:** Azure, Vercel, Docker, Cloudflare R2, Git, NextAuth / JWT, REST APIs, Google Gemini API
- Concepts:** Full-Stack Development, Role-Based Access Control, Real-Time Systems, Workflow Automation, OOP, Client–Server Architecture
- ### EXPERIENCE

- IT Developer, Vienovo** | *June 2026 – Present (Software Developer Intern, March – June 2026)*
- Built and shipped a national Computerized Maintenance Management System (CMMS) dashboard in React, Node/Express, and MongoDB — real-time work-order tracking (Socket.io / Azure Web PubSub), Telegram-bot field workflows, automated email, role-based access control, and SAP goods-issue integration; deployed on Azure and Vercel.
 - Developed the SEC Certificate Portal as a Next.js + NestJS monorepo (MongoDB Atlas, Redis job queues, Cloudflare R2 document storage, Gmail API), implementing a shared role, workflow, and permission engine secured with JWT authentication.
 - Delivered an enterprise forms and approval-workflow platform (Next.js 15, TypeScript, MongoDB/Mongoose) for company-wide requests — cash advances, reimbursements, and travel — with NextAuth (Microsoft Entra ID) sign-in, multi-step approver routing, and Google Sheets, Google Drive, and Microsoft Graph integrations.
 - Engineered an internal IT operations dashboard (Next.js 16, React 19, Prisma, PostgreSQL) — 71 pages and 223 API endpoints across helpdesk ticketing, asset tracking, network monitoring, and purchasing, with Azure AD sign-in and Gemini-powered ticket summarization.

PROJECTS

- Agentic OS** | *Python, Knowledge Graphs, Obsidian*
- Personal AI developer platform that unifies a code knowledge-graph engine with an Obsidian memory vault, auto-injecting project context into AI coding sessions.
 - Registers repositories, builds cross-repo code graphs on commit, and serves a local dashboard for querying code and notes across every project.
- BudgetTracker** | *Kotlin, Jetpack Compose, Room, Hilt (Android)*
- Native, offline-first personal budgeting app built with MVVM and StateFlow, Room (SQLite) persistence, and Hilt dependency injection.
 - Implemented a recurring-transaction engine that auto-generates due entries, plus monthly reports with spending-by-category breakdowns.
- Y2K Editorial Booth** | *JavaScript, React, MediaPipe, WebGL, GSAP*
- Browser-based photobooth with real-time face tracking (MediaPipe) and live camera filters, producing polished editorial-style photo exports.