

KENNETH PORRAS

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AREA OF EXPERTISE

Backend Development	API Integration	Responsive UI Design
Frontend Development	Database Management	Beginner Penetration Testing

INTERNSHIP EXPERIENCE

Inspire Holdings Incorporated - <i>Software Developer Intern</i>	February 2026 - June 2026
- Contributed to the development of company applications, including fintech systems and internal business tools, improving overall system functionality and reliability - Assisted in migrating application databases from Firebase to Supabase, enhancing data structure flexibility and scalability - Improved system integration and backend workflows through API connections and database optimization efforts	

PERSONAL PROJECTS

Spectra: Passive Security Scanner & Traffic Inspection Engine - Built modular detection logic using TypeScript and Regex for deep packet inspection of decrypted HTTPS traffic - Implemented real-time security scanning for JWT exploits, PII exposure, database leaks, insecure transport, and other critical risks - Implemented secure data-handling practices including sensitive data masking and evidence sanitization to protect user privacy
GitBloc: Smart B2B Procurement & Bidding Ecosystem - Established a Robust CI/CD Pipeline using GitHub Actions for automated unit testing (Jest), security audits, and multi-environment deployments (Vercel/Firebase), maintaining a 99%+ build success rate. - Built a Modular Scraping Pipeline with built-in validators and extractors to normalize supplier data from diverse web sources, ensuring high-fidelity results for product searches. - Architected an AI-Powered Supplier Discovery Engine that orchestrates a Python-based deep scraping service with a Cheerio/JavaScript fallback, utilizing intelligent data extraction and quality scoring to build a database of verified global suppliers.
404 : Code Understanding and Dependency Visualization System - Designed a lightweight architecture for dependency visualization and code mapping, improving codebase navigation, onboarding efficiency, and developer productivity - Implemented a Git-aware conflict detection system that performs real-time branch comparison and symbol-level analysis to identify potential merge risks before deployment - Built secure and optimized analysis utilities for AST-inspired parsing, ensuring scalable performance across large and complex codebases

EDUCATION

Taguig City University	2022 - 2026
Bachelor of Science in Computer Science	