

John Ivan G. Puayap

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EXPERIENCE

Software Engineer

April 2025 – Present

Ereflect

- Developed and integrated innovative features across multiple products using Angular (TypeScript), HTML, CSS, and Ionic, enhancing user experience and functionality.
- Fixed bugs reported by testers and customers, improving product stability and reliability.
- Reviewed code of teammates to maintain quality and consistency.
- Promoted software development best practices, enhancing workflow efficiency and code quality.

Summer Intern

June 2024 – August 2024

Alliance Software Inc

- Created a comprehensive project plan, including High-Level Design and Work Breakdown Structure, while managing function lists and schedules.
- Led back-end development, designing the database, writing SQL scripts for initialization and ticket management, and optimizing background services.
- Ensured seamless integration between back-end and front-end components for a cohesive system.

Freelance Web Developer

May 2020 – Jan 2023

- Built and maintained websites for various clients, including landing pages and small business sites.
- Customized templates, implemented responsive designs, and ensured websites were functional across devices.
- Provided ongoing maintenance and updates, improving client satisfaction and site performance.

PROJECTS

HelpDesk Ticketing System | C#, ASP.NET Core, JavaScript, HTML, CSS

- Implemented back-end functionalities for ticket generation, user authentication, and ticket status tracking.
- Implemented background services for automatic ticket closures and inactivity alerts.

Unshelf | React, Django, Supabase

github.com/Unshelf-SoftEng/Unshelf

- Built a marketplace for near-expired food, allowing users to buy and sell discounted items.
- Developed and deployed separate Flutter applications for buyers, sellers, and administrators.
- Integrated an AI-powered recommendation system that suggests product bundles based on inventory and sales data.

PhilNITS FE Review System | React, Django, Supabase

github.com/Unshelf-SoftEng/AdaptivePhilNITS

- Developed a web-based review system for the PhilNITS Fundamental Engineer (FE) exam, featuring structured study materials and adaptive quizzes.
- Built using React for the frontend, with Django as the backend and Supabase for authentication and database management.
- Implemented Item Response Theory (IRT) to estimate user ability and dynamically generate personalized quizzes.

TECHNICAL SKILLS

Languages: Python, Dart, Java, C, C++, C#, JavaScript, TypeScript, HTML, CSS, PHP, Rust, Kotlin

Databases: MySQL, Firebase, MongoDB, SQLite

Frameworks: Django, Flutter, React, Spring Boot, Express, Node.js, Next.js, Flask, Anchor

Developer Tools: Git, Docker, Github, Postman, VS Code, Visual Studio, PyCharm, IntelliJ

CERTIFICATIONS AND ACHIEVEMENTS

PhilNITS Fundamental Information Technology Engineer (FE) Passer

Issued: May 2024

10th Test of Practical Competency in ICT (TOPCIT) Level 3 — Score: 541

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