

Kenneth Renz A. Tegrado

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Parañaque, National Capital Region, Philippines

WORK EXPERIENCE

MobileMINDS, Inc.

Flutter Developer - Intern

June 2024 - August 2024

- Implemented MVVM architecture in Flutter using Provider enhancing code organization and scalability.
- Integrated Streams for efficient observer pattern-based state management across multiple widgets.
- Architected reusable wrapper widgets to handle API fetches and manage different states effectively.

TeachShare Philippines

Software Engineer - Volunteer

February 2022 - September 2022

- Volunteered as a project-based software engineer, donating earnings to raise 40,000 pesos for the organization's events.
 - Refactored 1,000+ lines of JavaScript code into ES6 async functions, optimizing API performance.
 - Coded 20+ reusable components with Tailwind CSS and enhanced state management using Context.
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EDUCATION

University of the Philippines Los Baños

Bachelor of Science in Computer Science (Expected Graduation: August 2025)

2021-Current

- GWA: 1.37, Magna Cum Laude Standing
 - Awards: University Scholar, Phi Kappa Phi Honor Society Nominee, DOST-SEI Undergraduate Scholar
 - Relevant Coursework: Object-Oriented Programming, Database Systems, Software Engineering, Networking
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PROJECTS

Kara - Philippine Startup Challenge 2024 (National Champion)

- Developed an LLM-powered legal assistant that analyzes contracts, highlights key clauses, legal document generation, and simplifies complex terms for users. Leveraged AI-driven summarization and contextual insights in Taglish to enhance user understanding. Focused on ethical AI and localization to align with Philippine legal standards.

Salaysay - BPI Datawave 2024 (Champion)

- Developed a data journaling platform that leverages LLMs to assist MSMEs in the Philippines. Integrated conversational AI for guided journal entry creation, automated logging, SWOT analysis, and trend analysis from journal data. Designed to empower MSMEs by providing actionable insights to support strategic decision-making and growth.

Kaya - Smart Sweep (Ongoing Top 50 Finalist)

- Developed a platform leveraging LLMs and text-to-speech technology to connect people with disabilities to job opportunities. Designed an accessible job portal navigable through an LLM-powered agent and implemented a resume builder feature providing personalized assistance. Empowered users by fostering inclusivity and simplifying employment processes.

Agapay - DOST CALABARZON and Santa Rosa LGU (Champion)

- Developed a scalable health data system leveraging LLMs to generate actionable insights and trend analysis from FHIR-aggregated data. Designed and implemented a FHIR-compliant architecture to ensure secure, interoperable health data exchange, enhancing data-driven decision-making for DOST CALABARZON and Santa Rosa LGU.

Weblead - A&A LLC

- Developed a lead generation platform utilizing SERP to gather leads based on user-defined keywords and locations. Implemented a lead management system enabling users to save, track, and analyze leads with features for monitoring revenue, conversions, and performance. Designed to streamline lead acquisition and empower businesses with actionable insights for growth.

Reserba - Institute of Computer Science UPLB

- Spearheaded the design and implementation of a scalable full-stack architecture using the MERN stack for a university-wide reservation system. Developed RESTful APIs to ensure smooth backend communication and managed a team of 19 developers in an agile environment, delivering high-quality results while meeting tight deadlines.
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SKILLS

Technical: REST APIs, Git, GitHub, CI/CD, MongoDB, Backend Development, DevOps, OpenAI, LLM, React.js

Soft Skills: Leadership, Problem Solving, Team Collaboration, Communication, Time Management, Adaptability