

Mikko L. Samaniego

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TECHNICAL SKILLS

Languages: C#, Java, Kotlin, Python, C++, PHP	Databases: Firebase, MariaDB, MySQL, MongoDB, PostgreSQL
Frontend: AngularJS, MaterializeCSS, TailwindCSS, ReactJS, React Native	Tools & Platforms: Figma, Git, GitHub, Jira, Trello, VS Code, Visual Studio, Android Studio, Postman
Backend: ASP.NET (MVC), ExpressJS, NodeJS, Laravel, JavaScript, TypeScript	Development Methodologies: Agile, CI/CD, Waterfall

PROJECTS

Ai.ttorney - A Mobile Application for AI-Powered Legal Education and Rights Awareness React Native Python NLP PostgreSQL	June 2025 – Present
<ul style="list-style-type: none">Developing a mobile application featuring an AI-driven legal chatbot, law firm locator, integrated pro bono consultation services, and a comprehensive knowledge base.Engaging with legal professionals, including lawyers and judges, to validate AI-generated content and ensure compliance with legal standards.Applying natural language processing techniques to broaden access to legal education and promote rights awareness.	
Payroll Management System for GLS Manpower Services (Freelance Project) MongoDB ExpressJS ReactJS NodeJS TailwindCSS Typescript	Feb 2025 – April 2025
<ul style="list-style-type: none">Designed and implemented a web-based payroll system automating salary computation, tax deductions, and payslip generation.Reduced payroll processing time by 30 percent while eliminating manual spreadsheet errors.Coordinated with company stakeholders to gather requirements and deliver a tailored, business-ready solution.	
Unified Attendance and Payroll System for Tiger Cookies MNL MongoDB ExpressJS ReactJS NodeJS TailwindCSS	Aug 2024 – May 2025
<ul style="list-style-type: none">Developed a facial recognition-based attendance tracking system integrated with payroll.Reduced weekly payroll processing from 8 hours to 1 hour and decreased payroll disputes by 75 percent within three months of implementation.	
Artify - Art and Design Showcase Application Kotlin Firebase	Oct 2024 – Dec 2024
<ul style="list-style-type: none">Created a mobile platform for artists to upload, showcase, and review digital artworks.Enhanced user engagement by incorporating interactive features that encouraged peer-to-peer feedback	
USTamp – University of Santo Tomas Approval Management Platform AngularJS MariaDB C# ASP.NET MaterializeCSS	Nov 2024 – Dec 2024
<ul style="list-style-type: none">Built a workflow system for submitting, reviewing, and approving requests.Streamlined submissions for students, faculty, and staff.	
Hiccup Cafe Ordering System PHP JavaScript MySQL Bootstrap	Oct 2023 – Dec 2023
<ul style="list-style-type: none">Developed a Point-of-Sale (POS) web application for Hiccup Cafe, enabling seamless order management, payment processing, and real-time order queuing.Increased daily order handling capacity by 20 percent and contributed to improved customer satisfaction.	

LEADERSHIP & ACTIVITIES

UST TOMCAT Assistant Director	Dec 2023 – May 2024
<ul style="list-style-type: none">Co-directed MOTION 2024 (Media Organizations Toward Innovation), an event that brought together university media organizations in the Philippines to promote responsible tech and AI use in media with 200+ attendees from 10 universitiesSupervised technical operations and hybrid event execution (in-person and virtual) as a member of the Technical Committee, ensuring smooth delivery and participant engagement.	
UST Society of Information Technology Enthusiasts Associate Team Head for Finance	Oct 2022 – May 2023
<ul style="list-style-type: none">Led budget planning and financial oversight for Spill the i-Tea, an alumni engagement event connecting current IT students with UST graduates.Mentored a five-member finance team in budget tracking and reporting, strengthening financial transparency and accountability for future organizational activities.	

EDUCATION

University of Santo Tomas - Manila Bachelor of Science in Information Technology Major in Web and Mobile Application Development	Aug 2022 – Present Dean’s Lister Current GWA: 1.70
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