

Mikko L. Samaniego

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TECHNICAL SKILLS

Languages: C#, Java, JavaScript, Kotlin, PHP, Python, React Native, TypeScript

Frontend: AngularJS, MaterializeCSS, TailwindCSS, ReactJS

Backend: ASP.NET, ExpressJS, NodeJS

Databases: Firebase, MariaDB, MySQL, MongoDB

Tools & Platforms: Docker, Figma, Git, GitHub, Jira, Trello, VS Code

Development Methodologies: Agile, CI/CD, Scrum

PROJECTS

Ai.ttorney - A Mobile Application for AI-Powered Legal Education and Rights Awareness for Every Filipino (Capstone Project) *June 2025 – Present*

React Native | Python | NLP | MongoDB | PyTorch

- Built an AI-driven legal mobile application with Q&A assistant, document drafting, law firm locator, and lawyer consultation features.

Payroll Management System for GLS Manpower Services (Solo Project) *Feb 2025 – April 2025*

MongoDB | ExpressJS | ReactJS | NodeJS | TailwindCSS | Typescript

- Developed a web-based payroll system automating salary calculations, tax deductions, and payslip generation for GLS Manpower Services.

Unified Attendance and Payroll System for Tiger Cookies MNL (Software Engineering Project) *Aug 2024 – May 2025*

MongoDB | ExpressJS | ReactJS | NodeJS | TailwindCSS

- Created a web-based biometric (facial recognition) attendance tracker with automated payroll processing, reducing manual errors for Tiger Cookies MNL.

USTamp – University of Santo Tomas Approval Management Platform (School Project) *Nov 2024 – Dec 2024*

AngularJS | MariaDB | C# | ASP.NET | MaterializeCSS

- Designed a web-based document approval system for the University of Santo Tomas, automating workflows for students, faculty, and staff to submit, review, and approve files efficiently.
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LEADERSHIP & ACTIVITIES

TOMCAT – UST *Dec 2023 – May 2024*

Assistant Director (Technical Committee)

- Co-directed MOTION 2024, an event by TOMCAT-UST that brought together university media organizations in the Philippines to promote responsible tech and AI use in media.

UST CICS – Society of Information Technology Enthusiasts *Oct 2022 – May 2023*

Associate Team Head for Finance

- Helped in planning the budget and financial logistics for Spill the i-Tea, an event where UST IT alumni shared their academic and professional journeys to current UST IT Students.
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EDUCATION

University of Santo Tomas - Manila *Aug 2022 – June 2026*

Bachelor of Science in Information Technology

GWA: N/A

Major in Web and Mobile Application Development

