

# 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

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## 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 app with Q&A assistant, document drafting, law firm locator, and lawyer consultation features in a team

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

MongoDB | ExpressJS | ReactJS | NodeJS | TailwindCSS | Typescript

- Developed a 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 biometric (facial recognition) attendance tracker with automated payroll processing, reducing manual errors for a 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*

