

PROFESSIONAL SUMMARY

Graduating Computer Engineering student at Polytechnic University of the Philippines - Manila with a foundation in **Full-Stack Software Engineering** and an active focus on **GenAI** and **Workflow Automation**. Demonstrated ability in optimizing AI conversational agents and implementing RAG-based pipelines to streamline business operations. Committed to solving high-impact problems through data-driven innovation and robust AI infrastructure.

- TECHNICAL SKILLS**
- **Languages:** Java, Python, JavaScript/TypeScript, SQL, HTML/CSS
 - **Backend & Infrastructure:** Spring Boot, Redis, PostgreSQL (Neon), H2, JSON
 - **AI & Data Engineering:** GenAI, RAG, Automation, Vector Databases, RESTful APIs, MCP, Langchain, LLM Orchestration
 - **Tools & Cloud:** Git/GitHub, Maven, Docker, Microsoft Azure (Portal & DevOps), Render, CI/CD Pipelines.
 - **Web & UI/UX:** React.js, Next.js, Figma, Progressive Web Apps (PWA), Wireframing.

EXPERIENCE

SOFI AI Tech Solution Inc.
Junior AI Engineer (Contract)

January 2026 - March 2026

- Optimized and managed stability for 10+ live client chatbots by rapidly diagnosing production-level defects and maintaining AI workflows
- Developed a document ingestion system using Python and FAISS to perform vector-based similarity searches
- Refined RAG pipelines for document-based knowledge training to provide accurate automated responses.

Developer Intern

July 2025 - December 2025

- Automated and successfully launched a client-facing AI conversational agent into live production using visual workflow builders and advanced prompt engineering.
- Build integrations with Google Sheets using Google Apps Script for automated and efficient data collection.
- Leverage REST APIs to enhance chatbot functionalities and streamline processes.

Dewise Solutions Philippines Inc.
Software Engineer Intern

August 2024 - October 2024

- Completed over 10 Microsoft Learning paths focused on DevOps, Python, Azure services, Cloud, AI, GitHub, and Copilot
- Developed the frontend of a Progressive Web App using Next.js and TypeScript
- Designed UI/UX flows through wireframing, high-fidelity prototyping, user research, and design thinking

LEADERSHIP

Google Developer Groups on Campus PUP
UI/UX Lead

September 2024 - September 2025

- Led a team of 180+ members with a 12-member support committee to execute 5 workshops and study jams, including a 200+ participant inaugural session.
- Delivered sessions on design fundamentals and Figma while overseeing end-to-end event planning and coordination.

PUP Manila Microsoft Student Community
Associate Director of the Developer + Operations (DevOps) Division

September 2024 - September 2025

- Conducted study sessions focused on DevOps and key concepts such as CI/CD pipelines, deployment strategies, and the use of various DevOps tools and services within Microsoft Azure

AWS Cloud Club PUP
Cloud Computing and Infrastructure Member

November 2024 - November 2025

- Actively participating in technical sessions focused on AWS cloud fundamentals, core services and best practices

SELECTED PROJECTS

Aura: AI-Powered Financial Intelligence Web App

Personal Project - Developed a full-stack financial intelligence web application using Java 21, Spring Boot, PostgreSQL, Redis, and Gemini API to transform unstructured spending input into structured financial data and personalized insights.

CrowdFlow: Itinerary Planner

Personal Project - Developed a dynamic, AI-powered itinerary planner that generates optimized daily schedules, estimates real-time crowd levels, and automatically reroutes users to similar, low-density alternatives when a venue reaches capacity.

Solar Connect

Software Engineer - Deployed and engineered the full-stack system architecture and developed a web application to support a solar-powered charging station thesis project, including seamless integration with the embedded firmware.

Arduino Day Philippines 2025 Website

UI/UX Team Lead - Led a team of UI/UX design volunteers and closely collaborated with the web development team in creating the UI design for the official Arduino Day Philippines 2025 website

EDUCATION

Polytechnic University of the Philippines - Manila
Bachelor of Science in Computer Engineering

2022 - Present

- President’s Lister with a GWA of 1.3
- DOST-SEI Merit Scholarship Recipient