JOSHUA ESCALICAS SALVACION

COMPUTER SCIENCE STUDENT | SOFTWARE ENGINEERING

Valenzuela City, Philippines | +63 947 690 6148 | salvacion.jsh@gmail.com | GitHub: slvcn-jsh

PROFESSIONAL SUMMARY

Fourth-year Computer Science student majoring in Software Engineering with hands-on experience designing and developing mobile applications. Built Android and cross-platform projects using Kotlin, Java, Python, and TypeScript, with work spanning offline data storage, backend integration, and application features. Interested in contributing to the development and improvement of reliable software applications.

EDUCATION

Far Eastern University Institute of Technology (FEU Tech) | Philippines
Bachelor of Science in Computer Science, Major in Software Engineering | August 2023 - Present

TECHNICAL SKILLS

Programming Languages: Kotlin, Java, Python, TypeScript
Mobile & Application Development: Android Studio, Jetpack Compose, React Native, Expo
Backend & Cloud Platforms: FastAPI, Supabase, Firebase, Render
Databases & Optimization: SQLite, pgAdmin, OR-Tools
Development & Version Control: Visual Studio Code, Git, GitHub

SELECTED PROJECTS

PCOSina | *Android Wellness & Meal-Planning Application* | GitHub

- Designed and developed an offline-first Android meal-planning and wellness decision-support application for Filipino individuals with PCOS, with profile-aware suggestions shaped by user preferences, budget, pantry availability, and nutrition constraints.
- Built the Kotlin and Jetpack Compose Android client alongside a FastAPI backend, combining rule-based planning with OR-Tools optimization and optional ML-assisted ranking with deterministic fallbacks.

Barion | *Mobile Learning Application (In Development)* | GitHub

- Designed and developed a cross-platform mobile learning application using React Native, Expo, and TypeScript, with offline data persistence through Expo SQLite and spaced-repetition scheduling using TS-FSRS.
- Developed Python-based AI gateway services and automated project checks covering linting, type-checking, unit tests, and end-to-end tests.

CERTIFICATION & SELECTED TRAINING

IT Specialist - Python | Certiport, 2025
AI Prompt Design Bootcamp | National AI Prompt Design Challenge Philippines, June 2025
Positioning the Autonomous Enterprise | FEU Institute of Technology, 2026

AWARDS

Champion, FEU Tech Design Thinking Summit and ITAM Design Jam | FEU Institute of Technology | March 22, 2025

COMPETITIONS & TECHNICAL ACTIVITIES

Competitor — BASE BUILD Global Buildathon 2025 | FEU Tech ACM | Adamson University | May 2, 2025

- External buildathon and hands-on workshop focused on Web3, Base, Solidity, smart contracts, and decentralized application development.

Participant — HACKathon 2025 (Tech Summit 2025) | UP Manila | May 10, 2025

- External student hackathon focused on developing innovative solutions to challenges aligned with selected United Nations Sustainable Development Goals.