

ADRIAN ALEJANDRINO

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LinkedIn | GitHub

SUMMARY

Senior BSIT student and Software Developer specializing in the **Product Solutions** lifecycle. Expert in bridging technical execution with business strategy through deep client discovery, system architecture design, and rapid MVP prototyping. Focused on translating complex operational problems into scalable, user-centric technology solutions.

EDUCATION

University of Cebu - Banilad

Bachelor of Science in Information Technology

2022 – 2026

Cebu City, Philippines

SKILLS

- Solutions Architecture:** System Design, ERD Optimization, Requirements Gathering, IoT Architecture, Rapid Prototyping.
- Technical Breadth:** Next.js, React.js, NestJS, ASP.NET Core, Kotlin, Node.js, Supabase, Firebase, MySQL, MongoDB.
- IoT & Embedded Systems:** Arduino, ESP32, ESP8266, Firmware Development, Sensor Integration, Cloud Connectivity.
- Tools & Process:** Agile/Scrum, Git, Postman, Android Studio, Visual Studio, AI-Assisted Development (Cursor/LLMs).

EXPERIENCE

Cubeworks

Software Developer

Mar 2024 – Present

Cebu City

- Collaborated with internal stakeholders to architect and deploy full-stack ASP.NET applications, ensuring technical solutions aligned with business growth objectives.
- Designed and optimized Entity Relationship Diagrams (ERDs) to ensure long-term system scalability and efficient data handling.
- Led the development of a frontend inventory management system, focusing on streamlining asset tracking workflows and enhancing user productivity.
- Conducted technical feasibility assessments and debugged production systems to maintain high operational reliability for enterprise users.

Freelance

Fullstack Solutions Developer

Mar 2024 – Present

Cebu

- Partnered with clients to uncover operational pain points and integrated Gemini AI into Kotlin/React platforms to provide intelligent, data-driven recommendations.
- Engineered end-to-end IoT solutions, bridging custom ESP32 firmware with backend APIs to automate physical-to-digital data synchronization.
- Served as a technical advisor for startups, defining MVPs and architecting system blueprints to ensure fast production without sacrificing technical quality.

PROJECT & ACTIVITIES

Link n Park (Innovate Cebu: Ideas That Empower)

2025

Proposed and prototyped an AI-powered automated parking management solution, focusing on space optimization and seamless user entry/exit workflows.

Segurad Homes (HackEstate Hackathon)

2025

Developed a real-estate solution featuring digitalized contract binding, solving client trust issues through secured online transaction logic.

TinabangAI (11th UC-ICT Congress Hackathon)

2025

Architected a modernized disaster response system using AI to facilitate real-time communication and resource allocation during emergencies.

Aginod (Self-Initiated Project)

2025

Designed a relief tracker application to improve the transparency and efficiency of donation drives for local non-profit organizations.