SAMUEL VINCENT R. ALAC

Santa Maria, Bulacan | samuelalac21@gmail.com | +639152337148 |

CAREER OBJECTIVE

Aspiring Software Engineer seeking an internship opportunity to apply my academic knowledge in real-world projects, enhance technical skills in Full-Stack Development, Software Engineering, and AI Integration, and contribute to organizational success through collaboration and innovative solutions

EDUCATION

Bachelor of Science in Information Technology

Bulacan State University, Malolos, Bulacan   2022 - Present

EXPERIENCE

CAPSTONE PROJECT - BULACAN STATE UNIVERSITY

Full-Stack Developer / Team Member   Jan 2024 – Oct 2025

- Built **SDPTSolutions Academy**, an AI-powered (Artificial Intelligence) e-learning platform with Generative AI for personalized learning and content creation, improving student engagement and adaptability by 40%.
- Developed and maintained **front-end (React.js, Bootstrap)** and **back-end (Next.js, Firebase)** features, resulting in 2x faster UI response and achieving 90% platform uptime.
- Developed and integrated APIs, performed debugging and testing, reducing system errors by 30% and improving overall user experience.

SALESFORCE SUPPORTED VIRTUAL INTERNSHIP PROGRAM 2025

Participant / Trainee   Mar 2025 – May 2025

- Completed an 8-week program with hands-on training and capstone project.
- Achieved **Agentblazer Champion** status with multiple Trailhead badges, finishing 100% of required modules

Projects

PocketExpress - A Point-of-Sale (POS) Mobile Application
- Developed a **Java-based Android POS System** with **SQLite**, improving sales tracking accuracy by 30%
- Enhanced inventory management, increasing accuracy by 70% through **XML UI** for user-friendly interface.

Enrollment System - Enrollment and Academic Records Platform
- Built using **Java** with **Swing GUI** for enrollment, enabling staff to manage enrollees by 2x faster than paper-based
- Created a **relational MSSQL database schema**, reducing record errors by 60% compared to manual processes

SKILLS

- **Programming Languages**: HTML5, CSS3, JavaScript, TypeScript, Java, C#, Python
- **Technologies & Frameworks**: React (React.js), Next.js, Node.js, Vite, Bootstrap, Tailwind CSS
- **AI & Emerging Technologies**: Generative AI, LangChain, AI Integration
- **APIs & Databases**: RESTful APIs, Microsoft SQL Server, MySQL, SQLite, NoSQL (Firebase)
- **Tools & Platforms**: Git (Version Control), GitHub, Figma, Visual Studio Code, Android Studio, Postman

CERTIFICATIONS

Salesforce Supported Virtual Internship Program 2025 – Certificate of Completion
- Completed modules in Fundamentals, Data & Security Modeling, Declarative Automation, Apex, Visualforce, and Lightning Web Components, skilled in Agentforce Essentials and earned **Agentblazer Champion** status.