

# SAMUEL VINCENT R. ALAC

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## 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 - 2026

## EXPERIENCE

### CAPSTONE PROJECT - BULACAN STATE UNIVERSITY

Full-Stack Developer / Team Member

Jan 2024 – Oct 2025

- Built **SDPTSolutions Academy**, an AI-powered e-learning platform with Generative AI for personalized learning and content creation, improving student engagement.
- Delivered and maintained **front-end (React.js, Bootstrap)** and **back-end (Next.js, Firebase)** features, resulting in a 2x faster UI response and stable platform performance.
- Developed and integrated APIs, performed debugging and testing, reducing system errors 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, completing 100% of required modules.

## PROJECTS

### PocketExpress - A Point-of-Sale (POS) Mobile Application

- Developed a **Java-based Android POS System** with **SQLite** local database, improving sales tracking accuracy by 30%.
- Enhanced inventory management, increasing accuracy by 70% through a Swing GUI 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 MySQL 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 (REST API Development), MySQL, SQLite, NoSQL (Firebase)
- Tools & Platforms:** Git (Version Control), GitHub, Figma, Visual Studio Code, Android Studio, Postman
- Soft Skills:** Problem Solving, Critical Thinking, Adaptability, Team Collaboration, Time Management
- Languages:** Filipino (Native), English (Fluent)

## 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, gained skills in Agentforce Essentials and earned **Agentblazer Champion** status.