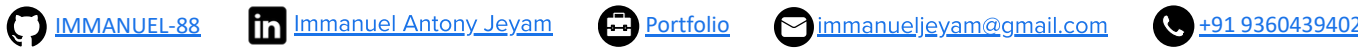


# Immanuel Antony Jeyam B

FULL STACK DEVELOPER | LINUX ENTHUSIAST



## PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience in building scalable mobile and web applications using Flutter, Node.js, and MongoDB. Skilled in developing REST APIs, implementing authentication systems, and applying clean architecture principles. Experience in deploying production-ready applications, integrating payment gateways, and working with DevOps tools like Docker and Linux.

## SKILLS

**Languages:** C, Java, JavaScript, Dart, Python, Shell Scripting

**Backend Development:** Node.js, Express.js, FastAPI, REST APIs

**Frontend Development:** Flutter, React.js, HTML, CSS

**Databases:** MongoDB, Firebase, SQL(Oracle), Cloudinary

**Tools & Technologies:** Git, GitHub, VS Code, Figma, Anything LLM, Postman, Maestro

**Devops & Security:** Linux, Docker, Ansible, Kong API Gateway, Ganache

**Concepts:** Authentication, API Integration, State Management (BLoC, Provider), Clean Architecture

## EXPERIENCE

### Junior Flutter Developer - Solution Engineer Trainee, Colakin (Dec 2025 – Present)

- Developed and maintained cross-platform mobile applications using Flutter, delivering production-ready features for applications with 1K+ users.
- Built and integrated backend services using Node.js and FastAPI, including REST APIs and LLM-powered chatbot systems.
- Implemented API security and gateway management using Kong API Gateway.
- Performed automated testing using Maestro to ensure application performance and reliability.
- Collaborated with cross-functional teams to design scalable and maintainable system architecture.

### Full Stack Developer Intern, EIO Digital Solutions Pvt. Ltd. (Jan 2025 – Apr 2025)

- Developed a full-featured eCommerce mobile application using Flutter with Razorpay payment gateway and Google Sign-In authentication.
- Implemented BLoC state management and clean architecture principles to build scalable and maintainable applications.
- Built backend services using Node.js and MongoDB, designing REST APIs for seamless data flow.
- Deployed the application for internal testing and ensured smooth user experience.

### Mobile Developer Intern, Zenanvibe Pvt. Ltd. (Jun 2024 – Jul 2024)

- Independently developed a Flutter-based mobile application with Firebase Authentication for secure user login.
- Applied modular architecture and structured code organization for improved scalability and maintainability.
- Implemented efficient state management techniques to enhance application performance.

## PROJECTS

### AttendZone Admin App User App

- Developed a secure attendance management system using Flutter, Node.js, and MongoDB.
- Implemented face recognition and IP-based authentication to prevent proxy attendance.
- Designed and integrated REST APIs for real-time attendance tracking and data management.
- Built additional features including task management and group chat for team collaboration.
- Integrated blockchain (Ganache) for tamper-proof attendance records and audit tracking.

**Technology used:** Flutter, Node.js, MongoDB, IP Verification, Face Recognition Model, Blockchain(Ganache), REST APIs

### FertiOptimizer

- Developed a mobile application using Flutter to recommend optimal fertilizer usage based on soil and crop data.
- Built backend services using Node.js and Express.js with MongoDB for data processing and storage.
- Designed REST APIs and integrated IoT sensor data (DHT11, Soil Moisture Sensor) for real-time insights.
- Created intuitive UI for user-friendly data input and visualization.

**Technology Used:** Flutter, Node.js, Express.js, MongoDB, REST APIs, ESP32, Python, DHT11, Soil Moisture Sensor

### Cloud-Based SIEM using Wazuh

- Designed and developed a cyber threat intelligence pipeline to monitor and analyze real-time SSH brute-force attacks.
- Implemented attacker trapping using iptables and honeypot (Cowrie) for threat data collection.
- Built automated data pipelines using Filebeat and integrated GeoIP telemetry for attack analysis.
- Developed a live SOC dashboard using Wazuh and OpenSearch with custom Vega visualizations.

**Technology Used:** Wazuh SIEM, Cowrie Honeypot, OpenSearch Dashboards, Filebeat, Vega Visualization Grammar, Linux (iptables)

### Home Ubuntu Server

- Converted a personal system into a self-hosted Ubuntu server for deploying applications and backend services.
- Containerized applications using Docker to ensure consistent and isolated environments.
- Configured secure SSH access and performed Linux-based system administration tasks.

**Technology Used:** Ubuntu Server, Docker, SSH, Linux CLI

### Ubuntu Text Extractor

- Developed a lightweight screen-based text extraction tool using Python and Tesseract OCR.
- Implemented region-based screenshot capture for selective text extraction.
- Automated text processing and clipboard integration for improved productivity.

**Technology Used:** Ubuntu, Python, Tesseract OCR

## EDUCATION

**B.E ECE (Spec. in Cyber Security) |** Francis Xavier Engineering College | 2022 - 2026

**CGPA:** 8.9

**Class XII (HSE) |** Rose Mary Matric Hr. Sec. School | 2022

**Percentage:** 94.33

**Class X (SSLC) |** Rose Mary Matric Hr. Sec. School | 2020

**Percentage:** 89.2