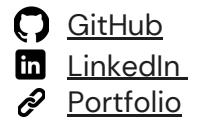


ALLEN JERRIES A L

Software Developer

MERN Stack Developer | Mobile Application Developer | AI Enthusiast



jerriesallen@gmail.com | +91 9360972523 | Coimbatore, Tamil Nadu

ABOUT ME

Computer Science Engineering student passionate about building scalable software and solving real-world problems through technology. Experienced in full-stack development, Android application development, backend APIs, databases, and AI integration. Skilled in JavaScript, React.js, Node.js, Kotlin, Python, MongoDB, Firebase, and Git. Strong foundation in data structures, algorithms, object-oriented programming, and software engineering principles, with a commitment to continuous learning and delivering high-quality solutions.

EDUCATION

B.E. Computer Science and Engineering

Coimbatore Institute of Engineering and Technology (2023 – 2027)

CGPA: 7.9/10

Higher Secondary (Class XII)

74.5%

INTERNSHIP EXPERIENCE

Cannyfore Technology Solutions Pvt Ltd | Jun 2025

Full Stack Web Development Intern

- Developed a full-stack Online Movie Ticket Booking System using React.js, Node.js, Express.js, and MongoDB.
- Built responsive UI and integrated backend APIs with MongoDB.
- Gained hands-on experience with Git, SDLC, debugging, testing, and Agile development

TECHNICAL SKILLS

Programming Languages: Java, JavaScript (ES6), TypeScript, Python, Kotlin, C, C++, SQL

Frontend: HTML5, CSS3, React.js, Tailwind CSS, XML

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, MongoDB Atlas, MySQL, Firebase (Firestore)

Mobile Development: Android Development (Kotlin), Flutter

Tools & Technologies: Git, GitHub, Docker, Electron, Postman

AI & Developer Tools: Ollama, Claude Code, Prompt Engineering, LLM Integration, AI Agent Development

PROJECTS

JERRIES QUANTUM IDE – AI-Powered Development Environment | Electron, React.js, TypeScript, Node.js, Ollama, Git

- Built an AI-powered IDE with autonomous code generation, debugging, and intelligent workflow automation.
- Integrated local LLMs, AI chat, terminal execution, Git support, and multi-model switching.

ExamShield – Wireless Device Detection System | Kotlin, Android, Jetpack Compose, Room, BLE, Wi-Fi

- Developed an Android app to detect Bluetooth, Wi-Fi, hotspots, and nearby smart devices.
- Implemented real-time distance estimation, device classification, and live tracking features.

ForensiX – AI Digital Crime Investigation Assistant | Python, OCR, Ollama, NLP, Streamlit

- Developed an AI-powered forensic platform for digital evidence analysis using OCR and LLMs.
- Automated entity extraction, timeline reconstruction, and investigation report generation.

Smart Surveillance System | Kotlin, Firebase, Firestore, MVVM, Material Design 3

- Built an accident detection and emergency response app using sensors and Firebase services.
- Automated SMS alerts, emergency calls, live location sharing, and incident history tracking.

ShopVerse – Full Stack E-Commerce Platform | React.js, Node.js, Express.js, MongoDB, JWT

- Built a full-stack e-commerce platform with secure authentication and RESTful APIs.
- Implemented product management, shopping cart, and order processing functionalities.

JERRIES QUANTUM AI – Local AI Assistant | React.js, Node.js, Ollama, Markdown, WebSockets

- Developed a local AI assistant supporting streaming responses and multi-chat conversations.
- Integrated local LLMs with markdown rendering, syntax highlighting, and chat management.