Aleena Jomy

Software Engineer — Full-Stack Developer — Cybersecurity Enthusiast

Paisakary, Kannur, Kerala

+91 8547139184 — aleenajomy4@gmail.com — linkedin.com/in/aleena-jomy — github.com/Aleenajomy

Summary

Results-driven Software Engineer with expertise in full-stack development and cybersecurity. Skilled in Python, JavaScript (ES6+), React.js, Node.js, MySQL, and SQLite. Completed a Cybersecurity Internship at EdiGlobe, applying secure coding practices and vulnerability testing. Currently enhancing MERN stack expertise at NxtWave. Recognized for problem-solving, collaboration, and delivering secure, scalable applications.

Experience

Full Stack Development Trainee (MERN)   Jun 2024 – Present
NxtWave Training Program
– Built full-stack applications with React.js, Node.js, Express.js, MongoDB.
– Applied Agile and SDLC best practices.

Cybersecurity Trainee & Intern   Jun 2025 – Aug 2025
EdiGlobe (Remote)
– Performed vulnerability assessments and applied secure coding practices.
– Collaborated with an Agile team and improved audit documentation.

SMT Machine Operator & Quality Controller   May 2019 – Oct 2021
SS Technology, Mysore
– Operated SMT lines, performed inspections, and reduced defects by 15%.
– Ensured 95% compliance with quality standards.

Education

B.Tech in Computer Science   Oct 2022 – May 2025
Govt. Engineering College, Mananthavady, Wayanad

Diploma in Computer Engineering   Aug 2016 – Apr 2019
Govt. Women's Polytechnic College, Payyannur, Kannur

Skills

Programming Languages: Python, Java, C, C++, JavaScript (ES6+)
Web Development:
- **Frontend:** React.js, HTML5, CSS3, Bootstrap
- **Backend:** Node.js, Express.js, Django, RESTful APIs

Databases: MySQL, SQLite
Cybersecurity: OWASP, Vulnerability Analysis, Secure Coding, Penetration Testing, Wireshark, Metasploit
Generative AI & LLMs:
- **Tools:** GitHub Copilot, ChatGPT, Amazon Q Developer
- **Concepts:** Prompt Engineering, Fine-Tuning, Large Language Models (LLMs)

Tools & Platforms: Git, GitHub, Linux, Postman, VS Code, PyCharm
Concepts & Methodologies: Agile, SDLC, Cloud Integration

Projects

Stylo – Virtual Wardrobe App — Web, ML & Chatbot   Mar 2025
– Developed wardrobe app with outfit recommendations using Django, SQLite, and ML.
– Integrated chatbot for personalized styling.

GASSETS – Facility Management System — Python   Jun 2024
– Created digital system to manage campus facilities (canteen, store, printing).

Languages

English (Fluent) — Malayalam (Native) — Hindi (Intermediate) — Tamil (Basic)