Aleena Joseph

Computer Science Engineer

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Professional Summary

B.Tech Computer Science graduate with practical experience in Python and Django. Developed full-stack web applications with CRUD operations, database management, and intuitive user interfaces. Motivated to learn continuously and contribute effectively in a professional environment by applying strong technical skills.

Education

B.Tech Computer Science (2021–2025)
College of Engineering Aranmula, Pathanamthitta 3.6-   CGPA: 8.8

Higher Secondary (2019–2021)
GHSS Thazhathuvadakara, Kottayam   Percentage: 98%

Secondary School (2018–2019)
St. John the Baptist CBSE School, Kottayam   Percentage: 94%

Skills

Technical Skills: Python, Django, React, JavaScript, HTML, CSS, MySQL, Git, GitHub

Tools: PyCharm, VS Code

Soft Skills: Teamwork, Communication, Problem-solving

Languages: English, Malayalam

Projects

Online Book Ordering System – Bookflix: Built a Django web application for browsing and ordering books. Implemented CRUD operations, user accounts, order tracking, subscription plans, and an admin dashboard for inventory management. Integrated RuPay-based payment processing for seamless checkout.

Blockchain-Based Certificate Generator and Validator: Developed a secure certificate generation and verification system using Django, Solidity, and SHA3-256 hashing. Integrated MetaMask for blockchain transactions and implemented role-based access for admins and generators. Enabled fast public certificate verification without login, ensuring tamper-proof authenticity.

Student Attendance Tracker – STRACK: Created a Django-based attendance system for managing students, subjects, attendance, and internal marks. Built teacher modules for adding/editing/viewing records and designed a student portal with OTP login, attendance view, mark downloads and teacher messaging.