

# Aleena Joseph

Computer Science Engineer

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## Professional Summary

BTech 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

### BTech Computer Science and Engineering (2021–2025)

College of Engineering Aranmula, Pathanamthitta

CGPA: 8.8

### Higher Secondary (2019–2021)

GHSS Thazhathuvadakara, Kottayam

Percentage: 98%

### SSLC (2018–2019)

St. John the Baptist CBSE School, Kottayam

Percentage: 94%

## Skills

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

**Tools:** PyCharm, VS Code

**Soft Skills:** Teamwork, Communication, Problem-solving

**Languages:** English, Malayalam

## Projects

**Student Attendance Tracker – STRACK:** Created a Django-based system to handle students, subjects, attendance, and internal marks. Built teacher pages to manage students and subjects, update attendance, view subject-wise attendance and percentages, and manage internal marks with PDF downloads. Designed a student portal where students can log in with their register ID, view their attendance and marks, download reports as PDF, and use a chatbot to communicate..

**Online Book Ordering System – Bookflix:** Developed a Django web app for browsing and ordering books. Added full CRUD features, user login and signup, and an admin dashboard for managing books and inventory. Integrated RuPay payment support to enable smooth and secure checkout..

**Blockchain-Based Certificate Generator and Validator:** Built a certificate creation and verification system using Django and Solidity. Used SHA3 256 hashing to generate a unique hash key for each certificate and stored it on the blockchain. Integrated MetaMask for secure transactions. Added role-based access for admins and generators. Enabled fast public certificate verification without login.