

ALLEN JOHN JOY

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📍 Chalakudy

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Profile

MCA student with hands-on experience in full-stack web development using Flask, React, and Angular. Strong foundation in Python, SQL, and machine learning concepts with experience building real-world projects focused on performance, analytics, and automation.

Projects

DocShare — Real-Time Room-Based File Sharing Platform

- Engineered a real-time file and text sharing platform using **Next.js**, **React**, and **Socket.IO**, enabling instant multi-user collaboration via secure 4-digit rooms with optional PIN protection
- Architected a **Redis**-backed persistence layer with auto-expiry, configurable room lifecycle (1–30 days), and automated cleanup for reliability
- Built an end-to-end file pipeline with **Cloudinary** storage, supporting queue-based uploads, pause/resume, bulk ZIP export, and real-time sync across users
- **Tech:** Next.js, React, TypeScript, Tailwind CSS, Upstash Redis, Cloudinary.

Wrapped Revanced — Spotify Wrapped-Style Analytics Tool

- Built a full-stack music analytics platform replicating **Spotify Wrapped** on demand using **React**, **Vite**, and **Flask** with secure **OAuth 2.0** authentication
- Developed a modular frontend using **TanStack Query** for efficient data fetching, **Zustand** for state management, and **Framer Motion** for interactive UI
- **Tech:** React, Vite, Flask, Spotify, TanStack Query, Zustand, Tailwind CSS, Framer Motion.

Skills

Technical Skills

- **Programming Languages:** Python, JavaScript.
- **Frontend:** React.js, Angular
- **Backend:** Flask, Node.js
- **Databases:** MySQL, SQLite

Soft Skills

- **Adaptability**
- **Problem-Solving**
- **Team Collaboration**
- **Communication**

Certificates

AWS Cloud Technical Essentials

AWS Cloud Technical Essentials -Amazon Web Services

• Cambridge English Business Certification

Business English Certificate Preliminary (BEC-P) Certification (2022-23)

Education

2025 – Present

MASTER OF COMPUTER APPLICATIONS

Federal Institute of Science And Technology (FISAT) Angamaly

2022 – 2025

BACHELOR OF COMPUTER APPLICATION

Sahrdaya College Of Advanced Studies Kodakara

2021 – 2022

HIGHER SECONDARY | BIOLOGY WITH INFORMATION PRACTICES

Crescent Public School Chalakudy