

ASHWIN K N

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ABOUT ME

Aspiring software engineer with a keen interest in mobile app development using Flutter. Currently pursuing B.Tech in Computer Science and Engineering at MITS Ernakulam. Possessing a solid understanding of programming fundamentals in languages like C, Java, and Python. Proficient in Data Structures and Algorithms. Seeking opportunities to apply theoretical knowledge and contribute to innovative projects.

EDUCATION

2022 - 2026

CGPA : 8.39

B.Tech in Compute Science & Engineering

Muthoot Institute of Technology and Science

2021 - 2022

Higher Secondary

Citadel Residential School, Ranni, Pathanamthitta, Kerala

2019 - 2020

High School

Savio English School, Naranganam, Pathanamthitta, Kerala

SKILLS

- **Technical Skills** Python, C, Java, Flutter, Dart, Firebase, SQL, Data Structures, HTML, CSS
- **Developer Tools** Git, VS Code, Android Studio, Android SDK, Figma
- **Libraries** NumPy, Pandas, TKinter, Flask
- **Spoken Languages** English (professional), Malayalan (Native), Hindi

EXPERIENCE

- **Internship** Flutter Software Development Intern – Nexotech Solutions (3 Months).

CERTIFICATIONS

- **Ethical Hacking - NPTEL**
- **Data Analytics - IBM SkillsBuild**
- **SSTP Flutter - MITS**

PROJECTS

Weather App

Technologies: Flutter, AccuWeather API, Dart

- Created a weather app that shows real-time updates using the AccuWeather API.
- Added location-based forecasts for accurate results.
- Designed a clean and responsive UI that works well on all devices.

Club Management System

Technologies: MySQL, DBMS Concepts

- Built for a DBMS project to manage members, events, and activities.
- Designed a relational database to ensure data accuracy and performance.
- Implemented features like registration, event logs, and attendance tracking.

WildEye (Wildlife Alert App)

Technologies: Flutter, Python, YOLOv11, Firebase, OpenCV, RTSP, Firebase Cloud Messaging (FCM)

- Developing a mobile app that provides real-time alerts about nearby wild animals for enhanced safety.
- Uses YOLOv11 for object detection (Python), Flutter for frontend, and Firebase for data storage.
- Delivers instant notifications to help users stay aware and safe in wildlife-prone areas.