Ashish R

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Profile

Ambitious and hardworking final-year Computer Science student with strong programming skills in C, Python, and Java. Passionate about software development, with a solid foundation in data structures, algorithms, and problem-solving. Actively seeking an internship opportunity to make meaningful contributions while continuing to learn in real-world development settings.

Education

Kochi, India

Bachelor of Technology (B.Tech) in Computer Science
Muthoot Institute of Science and Technology, Varikoli
- Bachelor of Technology (B.Tech ⬈) in Computer Science
- Expected Graduation: June, 2026

Skills

Programming Languages
- C, Python, Java, SQL

Web Development
- Flask (Python), React.js (JavaScript)

Tools and Frameworks
- Git, Github, MongoDB, Livekit, Render

Machine Learning
- Scikit-learn, NumPy, Pandas, ONNX, PyTorch

Core CS Concepts
- Data Structures & Algorithms, Object-Oriented Programming (OOP), Dynamic programming, Linux basics

Also Familiar With
- JavaScript, React native, Android Studio, ASM, Flutter

Certificates

Linguaskill B2 Level
- Common European Framework of Reference for Languages (CEFR) assessment by Cambridge English

Programming in Python
- NPTEL certification

MERN Stack Development
- Zero Pixel Technologies Pvt. Ltd.

Projects

Voice Agent using LiveKit & Python
- Built a real-time voice communication agent using **LiveKit**, **Python**, **Groq**, and **ElevenLabs**. Integrated audio streaming and AI-powered voice responses for natural human-computer interaction.

Static Malware Detection using ML
- Developed a web app using **Flask** that compares multiple machine learning algorithms (Random Forest, KNN, etc.) for detecting static malware patterns. Evaluated performance metrics and visualized results for algorithm comparison.

Hospital Appointment Booking App Using MERN stack
- Developed a prototype-level hospital appointment booking system using **MongoDB**, **React.js**, and **Node.js**. Built key front-end components for user registration, appointment selection, and basic backend integration to simulate booking workflows.