

Akhilesh R S Rao

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EDUCATION

B.Tech in Electronics and Communication Engineering – PES University, Bangalore

- Class XII: 94.2% (CBSE)
- Class X: 94% (CBSE)

TECHNICAL SKILLS

- Python (Basics, OOP, Tkinter)
- React Native Expo
- VS Code, MS Excel, MS PowerPoint
- Basic Electronics, Digital Logic | *Problem Solving, Team Collaboration*

PROJECTS

• AI Symptom Checker (Python, Tkinter)

- Developed a desktop application for symptom-based diagnosis.
- Implemented Jaccard + Coverage probability algorithms for smart diagnosis.
- Integrated an AI chatbot for medical queries with a user-friendly interface.

• Smart Rider+ (React Native Expo)

- Created a real-time tracking app using Accelerometer, Gyroscope & GPS.
- Classified walking, biking, and scooter riding activities.
- Added map visualization & phone mirroring with ApowerMirror.

CERTIFICATIONS

- HackerRank Python Certificate
- Ather Hackathon Certificate
- ECE Hackathon Certificate

HACKATHONS & TECHNICAL PARTICIPATION

- Ather Energy Hackathon: Top 15 out of 50+ teams
- Electronics Hackathon: Applied core ECE concepts

CAREER INTERESTS

- Software Development | Python Projects | Core ECE Applications
- Seeking internships that combine programming and electronics.