

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*.