Shreeya Mahendra Ghegad

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Profile

Final-year B.Tech student in Electronics and Computer Science with specialization in Artificial Intelligence, Machine Learning, and Cloud Computing. Strong foundation in programming and web technologies, coupled with hands-on experience in AI model design, IoT systems, and UI/UX design. Eager to create impactful, technology-driven solutions that enhance efficiency and sustainability.

Education

Pillai College of Engineering
B.Tech in Electronics and Computer Science (AI/ML & Cloud Computing)
Batch of 2026
Average CGPA: 7.60

Skills

Programming	C, HTML, CSS,Python
AI/ML	Deep Learning , Model Building, Data Analysis ,TensorFlow,Keras, NumPy, Matplotlib, scikit-learn
Cloud & Tools	AWS, Figma, GitHub , VS code , Pycharm , Google Colab
Soft Skills	Problem Solving, Communication, Team Collaboration, Adaptability

Experience

Smart India Hackathon (SIH) 2025: Developed a blockchain-based registry system for tracking and verifying blue carbon credits, enhancing transparency and traceability of environmental projects.(Cleared internal hackathon)

Smart India Hackathon (SIH) 2024: Designed a Women's Safety Application with real-time GPS tracking and emergency alerts to ensure user safety.(Cleared internal hackathon)

Figma UI/UX Workshop: Designed a Spotify-inspired interface applying UI/UX design principles for improved interactivity.

E-Yantra Workshop: Participated in a hands-on embedded systems and robotics workshop, exploring sensor integration and control logic.

Projects

Smart Autonomous Air Purifier (Major Project – Ongoing): IoT-powered mobile air purifier capable of autonomous movement based on AQI readings, AI-driven pollution analysis, and real-time control through a custom mobile app.

Online Shopping App (Amazon Replica): Front-end project mimicking core e-commerce features using responsive UI and user authentication.

Water Tank Overflow Indicator: Built a simple automation system to alert users of water overflow and prevent wastage.

Square Wave Generator using IC 555: Constructed a waveform generator circuit for frequency and duty cycle control applications.

Extracurricular Activities

Publicity Member – IETE Committee: Actively promoted technical events, increased student participation, and contributed to the execution of campus technology initiatives aimed at fostering innovation and collaboration.