

Vedika Lohiya

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EDUCATION

- **MGM's College of Engineering, Nanded, India**
Bachelor of Technology in Computer Science; CGPA: 6.44 Nov 2022 – Present
- **Vishwanathappa Hurne Jr. College, Nanded, India**
Higher Secondary Certificate (HSC); Percentage: 78.5 2022
- **Gyan Mata Vidya Vihar, Nanded, India**
Central Board of Secondary Education (CBSE); Percentage: 58 2020

SKILLS

- **Programming Languages:** Python
- **Full Stack Development:** HTML5, CSS3, Javascript, Node.js, MongoDB
- **Databases:** MySQL, MongoDB
- **Tools:** Git, GitHub, Visual Studio Code
- **Concepts:** DSA in Python, Problem Solving
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management

EXPERIENCE AND PROJECTS

- **SpeedSentry: Android-Based Speed Monitoring System** GitHub
Real-time Speed Control and Monitoring Solution Jan 2024 – Apr 2024
 - Designed an Android application to track real-time vehicle speed using ESP8266 Wi-Fi module and sensors.
 - Integrated Firebase for storing speed logs and sending overspeeding alerts via push notifications.
 - Developed a gamified reward system to encourage responsible driving, improving road safety awareness.
 - Technologies used: Java, Android Studio, Firebase, IoT (NodeMCU), Sensors.
- **EcoConnect: Climate Action and Sustainability App** GitHub
Web Platform for Personalized Trip Planning Aug 2024 – Present
 - EcoConnect is a sustainability-driven mobile/web app built for the Google Solution Challenge 2024.
 - Encourages users to adopt eco-friendly habits through daily activity tracking.
 - Includes community leaderboard, impact stats, and green living tips to boost user engagement.
 - Promotes climate awareness and responsible behavior aligned with UN SDG 13: Climate Action. Features a clean, intuitive UI for accessible and impactful environmental interaction.

KEY COURSES AND WORKSHOPS

- **IOT Workshop:** By Technex IIT Varanasi. Certificate
- **Programming Fundamentals using Python:** By Infosys SpringBoard. Certificate
- **Microsoft Learn Cloud Skill Challenge:** By Microsoft. Certificate
- **Cybersecurity Specialization:** By Google on Coursera. Certificate
- **2024 Solution Challenge:** By Google Developer Students Club. Certificate
- **Generative AI for Students:** Conducted by NXT WAVE at MGMCE. Certificate

POSITIONS OF RESPONSIBILITY

- **Joint Secretary, IEI Council, MGMCE Nanded** 2024
Organized events and technical activities in collaboration with council members.
- **Corporate-Relations Head, TNP Council, MGMCE Nanded** 2024
Built professional relationships and ensured smooth placement activities.
- **HackSpectra Volunteer, State Level Hackathon, MGMCE Nanded** 2025
Organized a state level hackathon by CSE department.
- **Volunteer, Third International Conference on Data Analytics and learning, MGMCE Nanded** 2024
Coordinated schedules and tasks of conference, ensuring adequate coverage.

ACHIEVEMENTS

- **IoT:** Secured 1st Position in IoT Workshop by Technex, IIT Varanasi at MGMCE, Nanded. Certificate
- **IoT Competition at IIT Varanasi:** Secured 4th Position in the Final Round.