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## Dhairya Gothi

**Technical Skills:** C++, Python , Java , Machine Learning , Matplotlib, Numpy, TensorFlow, Figma , HTML , CSS, JavaScript , ReactJS , ExpressJs , MS Office, PowerBI, MySQL , Azure, Pandas, MongoDB

**Certification:** Postman API Fundamentals (Postman, Jul 2024), GitHub Foundations (GitHub, Jan 2025), Introduction to Machine Learning (NPTEL, Apr 2025), Azure Data Fundamentals DP-900 (Microsoft, Jun 2025), Ethnus MERN Fullstack (Etnus, Jul 2025)

### EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Aug 2023 – Jul 2027	VIT Bhopal University , Bhopal	8.35/10
Class XII	Mar 2022 – May 2023	Christu Jyoti Convent School , Ujjain	82.6%
Class X	Mar 2020 – Apr 2021	Christu Jyoti Convent School , Ujjain	86.4%

### ACADEMIC PROJECTS

Projects	<b>Samvidhan Path (October 2024 – January 2025)   ReactJS, NodeJS, TailwindCSS   Frontend &amp; Backend</b> <ul style="list-style-type: none"><li>- Description: Deployed an interactive ReactJS/NodeJS web app to educate users on the Indian Constitution.</li><li>- Designed responsive UI and REST APIs for seamless user experience using TailwindCSS</li><li>- Collaborated in a team of 5 to deliver a high-performance, accessible site.</li><li>- Link and Results: <a href="https://samvidhan-path.vercel.app/">https://samvidhan-path.vercel.app/</a></li></ul>
	<b>Waste Sort AI (January 2025 – April 2025)   Python, Streamlit, Pandas, Numpy   ML Model Development</b> <ul style="list-style-type: none"><li>- Description: Built an AI-powered waste classification system using YOLOv8 for real time waste detection</li><li>- Integrated ML models with a Streamlit and Flask backend for seamless data processing and user interface.</li><li>- Integrated AI waste detection with a React.js frontend for real-time classification as part of a team.</li></ul>
	<b>Smart Flow Traffic System (May 2025 – July 2025)   Python, OpenCV, Matplotlib   ML Model Development</b> <ul style="list-style-type: none"><li>- Description: Developed AI-driven traffic management system utilizing live video analysis with OpenCV.</li><li>- Designed and trained prediction models in Python to optimize and forecast traffic flow patterns.</li><li>- Worked in a team of 3 to develop interactive real-time traffic data dashboards using Streamlit.</li></ul>

### CO-CURRICULARS

Coding	<ul style="list-style-type: none"><li>▪ Achieved global LeetCode rank of 115,141 by solving 500+ coding problems and made 1,500+ GitHub contributions in 2024, demonstrating advanced problem-solving and collaborative coding skills.</li></ul>
Hackathon	<ul style="list-style-type: none"><li>▪ Led the Internal Rounds winning team in Smart India Hackathon 2024, participated in multiple national hackathons, and won several college-level hackathons, showcasing leadership and innovation in competitive tech environments.</li></ul>

### EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	<ul style="list-style-type: none"><li>▪ Ranked #64/3,000+ in GirlScript Summer of Code 2024; top open source contributor and project admin.</li><li>▪ Led and mentored open source Projects in Social Winter of Code 2025.</li><li>▪ Served as project admin and mentored various open source projects in GSSoC and SSoc</li><li>▪ Achieved Diamond League in Google Cloud Skill Boost with 13,900 points and 162 labs completed.</li></ul>
Responsibilities	<ul style="list-style-type: none"><li>▪ Co Lead (Web development Team) Cyber warriors Club</li><li>▪ Core Member Technical team Blockchain Club</li><li>▪ Core member Technical team E-cell Vit Bhopal</li></ul>

### ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none"><li>▪ Enjoy playing chess and staying engaged with politics and current affairs.</li></ul>
Languages	<ul style="list-style-type: none"><li>▪ English, Hindi</li></ul>