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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: Copilot said:** 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,Mathplotlib   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>   |