

# Dhairya Gothi

+919424065768 - Ujjain , INDIA

◊ [Dhairyag31@gmail.com](mailto:Dhairyag31@gmail.com) ◊ <https://www.linkedin.com/in/dhairya-gothi-65945b288/> ◊ <https://github.com/dhairyagothi> ◊ <https://www.dhairyagothiportfolio.live/>

## EDUCATION

- |   |           |                  |
|---|-----------|------------------|
| • <b>Bachelor of Computer Science</b> , VIT Bhopal University | CGPA 8.35 | Aug 2023-Ongoing |
| • <b>Class XII</b> , Christu Jyoti Convent School , Ujjain    | 82.4 %    | May 2023         |
| • <b>Class X</b> , Christu Jyoti Convent School , Ujjain      | 85.8 %    | Apr 2021         |

## CERTIFICATIONS

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|--|--------------|
| • Postman API Fundamentals (Student Expert, Postman) | July 2024    |
| • GitHub Foundations (Github)                        | January 2025 |
| • Introduction to machine learning (NPTEL)           | April 2025   |
| • Azure Data Fundamentals DP-900 (Microsoft)         | June 2025    |
| • Ethnus MERN Fullstack (Etnus)                      | July 2025    |

## SKILLS

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

## WORK EXPERIENCE

- 1 Open Source Contributor , Project Admin GirlScript Summer of Code (GSSOC) | May 2024 – Aug 2024 | Remote**
  - Ranked #64/1000+ for contributing to front-end and full-stack open source projects using React.js, SQL, and REST APIs..
  - Enhanced code quality and documentation, helping open source projects become more user-friendly and maintainable.
- 2 Core Team Member, Blockchain Club VITB | Oct 2024 – Present | Bhopal, Madhya Pradesh**
  - Developed secure web features with React.js, Flask, and MongoDB for blockchain projects within the club.
  - Guided fellow students through hands-on workshops on blockchain and modern web technologies.
- 3 Technical Team Member, ECell, VIT Bhopal | Nov 2024 – Present | Bhopal, Madhya Pradesh**
  - Developed and improved ECell web applications using React.js to increase student engagement.
  - Built simple React.js frontends and supported event management and analytics.

## PROJECTS

- 1 Samvidhan Path (October 2024 – January 2025) | ReactJS, NodeJS, TailwindCSS | Frontend & Backend Developer**
  - Description: Deployed an interactive ReactJS/NodeJS web app to educate users on the Indian Constitution.
  - Designed responsive UI and REST APIs for seamless user experience using TailwindCSS.
  - Collaborated in a team of 5 to deliver a high-performance, accessible site.
  - Link and Results: <https://samvidhan-path.vercel.app/>
- 2 Waste Sort AI (January 2025 – April 2025 ) | Python, YOLOv8, Streamlit, React.js, Flask | ML Model Development**
  - Description: Built and deployed an AI-powered waste classification system using YOLOv8 for real-time object detection.
  - Integrated ML models with a Streamlit and Flask backend for seamless data processing and user interface.
  - Integrated AI waste detection with a React.js frontend for real-time classification in a collaborative team environment.
- 3 Smart Flow Traffic Management (May 2025 – July 2025 ) | Python, OpenCV, Flask, React.js | ML Model Development**
  - Description: Developed an AI-based traffic management system leveraging real-time video data analysis with OpenCV.
  - Designed and trained prediction models in Python to optimize and forecast traffic flow patterns.
  - Built a web interface using Flask and React.js for real-time monitoring and visualization of traffic data.

## CO-CURRICULARS

- Achieved a global LeetCode rank of 112,141 and completed 1500+ GitHub contributions in 2024, 1488 contest rating on codestudio 1453 contest rating on leetcode demonstrating strong coding consistency and problem-solving skills.
- Led the Internal Rounds winning team in Smart India Hackathon 2024 and participated in multiple national hackathons, showcasing leadership and innovation in competitive tech environments.

## EXTRA-CURRICULARS AND ACHIEVEMENTS

### Achievements

- Ranked #64/3000+ in GirlScript Summer of Code 2024; top open source contributor, project admin, and mentor in GSSoC, SSoc, and Social Winter of Code.
- Coordinator and project admin for Social Winter of Code 2025, leading and mentoring open source teams.

### Responsibilities

- Co-led web development (Cyber Warriors Club) and served as core technical member in Blockchain Club and E-Cell, VIT Bhopal.

### Extracurricular

- Achieved Diamond League in Google Cloud Skill Boost with 13,900 points; completed 162 labs, 31 quizzes, 28 courses, and 15 games, demonstrating advanced cloud skills.

## LANGUAGES

English, Hindi