

# Riddhi Mhadgut

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## EDUCATION

- |   |           |                  |
|---|-----------|------------------|
| • <b>B.Tech in Computer Science</b> , VIT Bhopal University | CGPA 8.94 | Aug 2023-Ongoing |
| • <b>Class XII</b> , Vindhyachal Academy, Dewas, M.P.       | 87 %      | May 2022         |
| • <b>Class X</b> , Vindhyachal Academy, Dewas, M.P.         | 95 %      | Apr 2020         |

## CERTIFICATIONS

- |   |            |
|---|------------|
| • Oracle Cloud Infrastructure 2025 Data Science Professional   Oracle | Sep 2025   |
| • Ethnus MERN Fullstack   Ethnus                                      | July 2025  |
| • Azure Data Fundamentals DP-900   Microsoft                          | June 2025  |
| • Introduction to Machine Learning   NPTEL                            | April 2025 |

## SKILLS

**Technical Skills: Languages:** JavaScript, HTML5, CSS3, Python, C++, SQL **Frameworks & Libraries:** React.js, Node.js, Express.js  
**Design & Prototyping Tools:** Figma, Canva **Skills:** UI/UX Design, Wireframing, Responsive Web Design **Databases:** MySQL **Tools & Platforms:** Microsoft Azure, Git, GitHub, MS Office

## WORK EXPERIENCE

- 1 **Open Source Contributor ,GirlScript Summer of Code (GSSOC) Extended | October 2024 – November 2024 | Remote**
  - Contributed to front-end and full-stack open source projects using React.js, .
  - 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 UI/UX Website Pages and Posters for blockchain projects within the club.
  - Guided fellow students through hands-on workshops on blockchain and modern web technologies.
- 3 **Co-Lead , WiCyS Student Chapter, VIT Bhopal | Nov 2024 – Present | Bhopal, Madhya Pradesh**
  - Worked for increasing awareness about Cyber Security among students .
  - Connected and collaborated with students on cyber related projects.

## PROJECTS

- 1 **Samvidhan Path | ReactJS, NodeJS, ExpressJS, TailwindCSS | Frontend & UI/UX Development | [samvidhan-path.vercel.app](https://samvidhan-path.vercel.app)**
  - Developed a full-stack educational web app using ReactJS for a dynamic, component-based frontend.
  - Engineered a NodeJS and Express.js backend, implementing RESTful APIs to manage and serve constitutional data.
  - Styled a responsive, high-performance UI with TailwindCSS, collaborating in a team of 5 to ensure cross-browser compatibility
- 2 **Vasudha (SIH '25 Runner Up) | React.js, Node.js, Blockchain, AI, Mobile App | [Vasudha-dahd.app](https://Vasudha-dahd.app)**
  - Architected a national-level digital ecosystem for AMU & MRL monitoring, securing 1st Runner Up at Smart India Hackathon 2025..
  - Engineered a Smart MRL Engine to calculate drug withdrawal periods and enforce digital locks on non-compliant sales
  - Integrated Blockchain traceability across 6 stakeholders to create immutable records, linking prescriptions to retail dispensing.
- 3 **Smart Flow Traffic Management | Python, OpenCV, Flask, React.js | Frontend Development | [Smartflow-traffic-management](https://Smartflow-traffic-management)**
  - Engineered an AI traffic system using OpenCV and Python to perform real-time video analysis and vehicle tracking.
  - Designed and trained a TensorFlow (or Scikit-learn) prediction model to accurately forecast traffic flow patterns.
  - Constructed a full-stack monitoring dashboard with a Flask API and a React.js frontend to visualize live traffic data.

## CO-CURRICULARS

- Demonstrated proficiency in Data Structures & Algorithms (DSA) by solving 350+ coding problems (LeetCode) and maintained high activity with 500+ GitHub contributions since 2024 .
- Engineered a production-ready solution for a Government Ministry as a **Smart India Hackathon 2025 National Finalist**, utilizing rapid prototyping to address complex real-life challenges.

## EXTRA-CURRICULARS AND ACHIEVEMENTS

### Achievements

- Selected as Project Admin for Social Summer of Code (SSoC) 2025, leading project development and mentoring contributors.
- Active Open-Source Contributor to programs GirlScript Summer of Code (GSSoC), Hacktoberfest, and Social Winter of Code

### Responsibilities

- Co-led (PR & Outreach Team) – The EV Club, VITB and served as core member in Blockchain Club and , Co-Led WiCyS Student Chapter 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,Marathi