Harsh Burman

7003529267 | burmanharsh2003@gmail.com | LinkedIn | Github

SUMMARY

Results-driven Computer Science and Engineering student at VIT Bhopal University with a strong foundation in Data Structures, Algorithms, and Full-Stack Development. Adept at problem-solving, API integration, and database management. Passionate about technology, coding, and collaborative innovation. Skilled in software development, troubleshooting, and teamwork, with a keen interest in open-source contributions and real-world applications.

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, C++, C

- **Full Stack**: HTML, CSS, JavaScript, PHP, jQuery, React.js, Node.js, Express.js, API Integration

- **Databases**: SQL, MongoDB, DBMS

- **Software Development**: Data Structures & Algorithms, Object-Oriented Programming

- **Soft Skills** : Time Management, Creativity, Problem-Solving, Communication, Adaptability, Teamwork

- **Languages**: Fluent in Hindi and English

PROJECTS

Detection of Anaemia Through Non-Invasive Method   Aug 2023 – Oct 2023
IoT Based Project   Arduino, MAX30100 Sensor, Integrated C Language
- Developed an IoT-based solution to measure SpO2 levels and estimate hemoglobin concentration.

- Implemented a real-time monitoring system for anemia detection.

- Enhanced accuracy using sensor calibration and data analysis techniques.

CollabSphere   May 2024 – Jun 2024
Web Development Project   React.js, Node.js, Express.js, MongoDB
- Engineered a networking platform to help users find project collaborators.

- Integrated specialized communities for Machine Learning and Blockchain

- Improved user engagement by implementing an intuitive UI and real-time messaging features.

EDUCATION

VIT Bhopal University   Bhopal, Madhya Pradesh
B.Tech. in Computer Science and Engineering — CGPA: 8.86/10   Oct 2022 – Present
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Digital Logic Design, Cloud Computing, Artificial Intelligence and Machine Learning

Sunrise English Medium School   Howrah, West Bengal
12th Standard — Percentage: 87/100   Apr 2020 – Jul 2021
Sunrise English Medium School   Howrah, West Bengal
10th Standard — Percentage: 86.8/100   Apr 2018 – May 2019

ACHIEVEMENTS

- **Open Source Contributions**: Participated in *GirlScript Summer of Code 2024 – Google* (Rank: 1732).

- **Problem Solving**: Solved 100+ Leetcode problems.

- **Competitive Programming**: Achieved 5 star in Python and Java in HackerRank.

CERTIFICATIONS

- **The Bits and Bytes of Computer Networking (Google)**: Acquired foundational knowledge of networking protocols, troubleshooting, and infrastructure.

- **Postman API Fundamentals Student Expert**: Demonstrated proficiency in API testing and development using Postman.