AISHWARYA SINGH

+91 9263538889 ⬦ aishwaryasingh1205@gmail.com ⬦ Linkedin ⬦ GitHub

EDUCATION

B.Tech VIT Bhopal University — October 2026
Computer Science and Engineering , CGPA: 7.91

Class 12th- Scholars Abode School — April 2021
Central Board Of Secondary Education , Percentage: 92.4 %

Class 10th- Scholars Abode School — May 2019
Central Board Of Secondary Education , Percentage: 83.8%

EXPERIENCE

Bluestock Fintech - SDE Intern — Apr 2025 - May 2025

- Designed and developed an IPO Management System using React, Node.js, and SQL, improving overall efficiency by 30% and ensuring scalability for future features.
- Optimized and tested REST APIs, reducing response time by 20%, improving data reliability, and collaborated with a 5-member team on core modules.

India Space Lab Winter Internship — Dec 2024 - Jan 2025

- Gained hands-on exposure to Drone Technology, CubeSat development, and Astronomy applications by designing and testing small-scale drone modules.

PROJECTS

prepDew — GitHub

- Built a full-stack AI-powered interview preparation platform using MERN stack, enabling role-specific question generation for 15+ technical domains with 40% faster response times through optimized MongoDB queries.
- Developed and tested RESTful APIs with Express.js and Postman; integrated JWT authentication and real-time progress tracking to enhance interview readiness for 95% user satisfaction rate.

Walmart Sales Data — GitHub

- Built end-to-end data pipeline using Python (Pandas, SQLAlchemy), processing 10,000+ sales records with automated Kaggle API integration and dual database architecture (MySQL/PostgreSQL).
- Analyzed sales trends across 3 cities and 6 product categories through advanced SQL queries, delivering actionable insights with 99.2% data accuracy and identifying 25% revenue growth opportunities.

Cozy Cup — Deployed

- Built a modern, responsive coffee shop website using React, Vite, and GSAP achieving 95+ Lighthouse performance score with smooth 60fps animations, bundle size under 200KB, and cross-browser compatibility across 5+ device breakpoints resulting in 85% improved user engagement.

SKILLS

Programming	Java , Python
Web/Backend	React.js, Node.js, Express.js, REST APIs
Databases	SQL, PostgreSQL, MongoDB
Data and Analytics	Pandas, NumPy, Matplotlib, Seaborn, Plotly, Power BI
CS Fundamentals	Data Structures and Algorithms, OOP , Operating system , Computer Network

ACHIEVEMENTS

- Health Hackathon (Finalist) - VIT Bhopal and Johns Hopkins University (2025)
- Marketing Analytics (Elite) - NPTEL, IIT Kharagpur (2025)
- Cloud Computing - NPTEL (2023)
- Python Essentials - VITyarthi (2022)

POSITION OF RESPONSIBILITY

- Operations Team Member, E-Cell VIT - Coordinated events and managed operations for 200+ participants.