

AISHWARYA SINGH

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EDUCATION

B.Tech VIT Bhopal University

October 2022 - October 2026

Computer Science and Engineering , CGPA: 7.91

Class 12th- Scholars Abode School

April 2019 - April 2021

Central Board Of Secondary Education , Percentage: 92.4 %

Class 10th- Scholars Abode School

April 2009 - April 2019

Central Board Of Secondary Education , Percentage: 83.8%

EXPERIENCE

Bluestock Fintech - SDE Intern

Apr 2025 - May 2025

Led a team to develop an IPO Management System, contributing to core modules and system design and applied React, Node.js, SQL to build scalable solutions in collaboration with developers.

India Space Lab Winter Internship

Dec 2024 - Jan 2025

Completed a 30-day training program at India Space Lab on Drone Technology, CubeSat development, and Astronomy applications.

PROJECTS

prepDew

[GitHub](#)

- Built a full-stack AI-powered interview preparation platform using the MERN stack, enabling role-specific question generation, expandable answers, and concept deep-dives through interactive UI components.
- Developed and tested RESTful APIs with Express.js and Postman; integrated MongoDB for user data management and progress tracking to enhance interview readiness.

Netflix Data Analysis

[GitHub](#)

- Analyzed 10,000+ Netflix titles using Python (Pandas, NumPy) to identify content trends and viewing patterns, performing end-to-end data cleaning, exploratory analysis, and statistical modeling.
- Created interactive visualizations and dashboards using Matplotlib, Seaborn, and Plotly, and developed machine learning recommendation systems to derive actionable insights for content strategy.

Walmart Sales Data

[GitHub](#)

- Built an end-to-end data pipeline using Python (Pandas, SQLAlchemy), MySQL/PostgreSQL, and Kaggle API to analyze sales trends, customer behavior, and profitability insights, delivering actionable business intelligence through automated ETL processes and advanced SQL querying. strategy.

SKILLS

Programming

Java , Python

Data and Analytics

Pandas, NumPy, Data Visualization (Matplotlib, Seaborn, Plotly)

Web and Backend

React.js, Node.js, Express.js, REST APIs

Databases

SQL, PostgreSQL, MongoDB

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 (2023)
- Python Programming - Kaggle (2022)
- Industrial IoT Markets and Security - Coursera (2023)

POSITION OF RESPONSIBILITY

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