Sumit Singh

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About Me

Final-year Computer Science student with strong skills in Python, JavaScript, and Java, aspiring to build a career in software engineering and consulting.

Passionate about data-driven decision making, Big Data, and cloud technologies with hands-on experience in full-stack web development and analytics.

Recognized for leadership in organizing hackathons and technical events, demonstrating creativity, teamwork, and problem-solving.

Education

B.Tech — Computer Science & Engineering, Bharati Vidyapeeth DU College of Engineering, Pune   2022–2026
CGPA: 7.4

12th (PCM), St. Xavier's High School, Gondia   2022
Percentage: 62.71%

Technical Skills

Programming	Python (Flask, Pandas), JavaScript (ES6+), Java
Problem Solving	Data Structures, Algorithms, Complexity Optimization
Web Development	React.js, HTML5, CSS3, Tailwind, Node.js, Express.js, MERN Stack
Databases	MongoDB, MySQL (Indexing, Normalization), Data Warehousing, Modeling
DevOps/Tools	Git/GitHub, Agile, CI/CD Concepts
Analytics	Power BI, Data Visualization, Predictive Analytics, Big Data Fundamentals

Projects

Climate Change Prediction System — Python, ML
Developed a predictive model analyzing long-term temperature and CO_2 concentration trends using machine learning. Deployed via a Flask-based dashboard visualizing global environmental patterns.

SAP Data Analytics Dashboard — Streamlit + Mock REST API
Created an interactive BI dashboard integrating simulated SAP enterprise data. Built REST API endpoints and implemented real-time filtering and trend visualization using Pandas and Streamlit.

Sales & Revenue Dashboard — Power BI
Built analytical dashboards revealing KPIs such as revenue growth, customer segments, and seasonal sales trends. Automated data cleanup and reporting workflows using Power Query & SQL.

E-commerce Web App — MERN
Developed a full-stack application with secure authentication, product management, shopping cart flow, and Razorpay payment integration. Implemented state handling and UI components using React + Redux.

Personal Portfolio Website — MERN
Built and deployed a responsive personal portfolio to showcase technical skills, projects, and work experience.

Leadership & Responsibility

Creativity Head — EDC, BVPUCOEP (2024–2025).
Organized IGNITE Startup Hackathon.
Hosted Pitch Perfect event for BHARTIYAM and coordinated technical speaker sessions on emerging technologies.

Achievements & Interests

Solved 100+ coding problems on LeetCode, GFG, and CodeStudio.
Represented college in intercollegiate cricket; part of U-16 VCA state camp.
Interests: Consulting, Big Data, Cloud Strategy, Business Analysis.