

Saurabh Dubey

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Education

VIT Bhopal University, Bhopal, MP B.Tech in Computer Science and Engineering (CGPA: 8.53)	Aug 2021 – May 2025
Sahara Public School, Kalapipal, MP Class 12th: 81.5%; Class 10th: 83.2%	Jun 2018 – May 2021

Technical Skills

- **Languages:** Java, JavaScript, HTML/CSS, SQL
- **Frameworks & Tools:** Node.js, Git, Docker, AWS (EC2), Linux
- **Libraries & Analytics:** pandas
- **Certifications:** AWS Certified Cloud Practitioner (Feb 2024), AWS Certified Cloud Architect (Feb 2024), Space Science and Technology Awareness Training by ISRO-IIRS (2023)

Projects

Inflecto (Predictive Analytics Web Application)	Jan 2024 – Apr 2024
<ul style="list-style-type: none">• Developed Flask-based predictive web application using Python to forecast inflation trends.• Designed SARIMAX models analyzing macroeconomic factors for accurate forecasting.• Integrated real-time data visualization using Matplotlib and Pandas.• Built responsive frontend interface with HTML/CSS/JavaScript.• Deployed scalable backend APIs for efficient frontend-backend communication.	
Collab (Full-stack Collaboration Platform)	Oct 2022 – Jan 2023
<ul style="list-style-type: none">• Engineered full-stack web app with Flask REST APIs and React frontend.• Implemented secure authentication systems for user registration/login.• Managed SQL database operations hosted on AWS EC2 Windows VM.• Enhanced user experience through intuitive UI design enabling efficient collaboration.	

Achievements & Leadership Experience

- Secured second place in Winter Wonder-Tech Hackathon; demonstrated analytical thinking and problem-solving skills (Dec 2021).
- NSS Survey Leader; coordinated surveys involving over 100 students across two villages addressing community issues (Jan-Apr 2022).
- Active Rover member at Bharat Scouts & Guides; participated in national-level adventure camps fostering teamwork and adaptability (2017-2024).

Additional Information

- Passionate about technology innovation, sustainability initiatives, AI advancements, cloud computing trends; regularly engage with industry blogs to stay updated.
- Hobbies include Astrophotography and Trekking.
- Fluent in Hindi and English.