

MUDITMAYANK MISHRA

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Mumbai, Maharashtra, India

Education

VIT Bhopal University

Bhopal, Madhya Pradesh

Bachelor of Technology in Computer Science & Engineering

Expected June 2026

- CGPA: 8.36/10.0
- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management

Internships

Agnirva Space Internship Program

September 2025

ISRO Registered Space Tutor — AICTE Recognized Program

8 weeks, 80+ hours

- Completed intensive space technology internship program with focus on satellite systems and space applications
- Acquired comprehensive knowledge in space-related technologies and demonstrated consistent diligence
- Gained practical experience in space sector methodologies and industry best practices

Academic Projects

Urban Heat Island Detection System | Python, Flask, Google Earth Engine, ML

2025

- Developed full-stack geospatial application to detect and predict Urban Heat Island effects in Bangalore & Delhi
- Leveraged Google Earth Engine to process satellite data (LST, NDVI, land use) for real-time climate analysis
- Built machine learning model for UHI prediction and deployed interactive web app with Flask backend

CommuteCare Project (BARC) | Web Development

2024

- Developed web application to report and track transport-related incidents like accidents, refusals, and overcharging
- Created comprehensive incident reporting system for improved transport safety and accountability at BARC

Technical Skills

Programming Languages: Python, C++, MATLAB, JavaScript, HTML, CSS

Development Tools: Google Earth Engine, Git, Visual Studio Code, Android Studio

Areas of Interest: Cybersecurity, Web Development, Data Science, Machine Learning, Remote Sensing & GIS

Certifications & Achievements

Advanced Software Engineering Job Simulation | Forage

September 2025

- Completed practical tasks in Advanced Data Structures, Software Architecture, Relational Database Design, and Data Munging
- Gained hands-on experience with enterprise-level software engineering practices and methodologies

Summer Training Programme on Remote Sensing and GIS | India Space Academy

August 2025

- Completed intensive training program conducted by India Space Academy (ISA)
- Gained expertise in satellite remote sensing technologies and Geographic Information Systems
- Developed skills in geospatial data analysis and earth observation techniques

IBM Cyber Security Analyst | IBM Career Education Program

April 2025

- Completed comprehensive cybersecurity analyst training with expertise in threat assessment and risk management
- Gained hands-on experience with IBM security tools and industry-standard cybersecurity practices

Mathematics for Data Science Workshop | SCSE & SASL, VIT Bhopal

July 2023

- Completed 5-day intensive workshop on mathematical foundations including statistics, linear algebra, and probability

The Bits and Bytes of Computer Networking | 20.5 hours

December 2023

- Comprehensive networking course covering fundamental concepts and practical applications

Additional Information

Sports & Personal Development: Football & Badminton Player - Developed teamwork, strategic thinking, and leadership skills through competitive sports

Languages: English, Hindi (Native)

Core Strengths: Cybersecurity Analysis, Analytical Problem-Solving, Geospatial Analysis