

Mitul Modh

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GitHub

Education

VIT Bhopal

Bachelor of Technology in Computer Science / CGPA: 8.60/10.00

Sep 2022 – May 2026

Madhya Pradesh

Technical Skills

- **Programming Languages:** Python, SQL, HTML, CSS, Java Script
- **Libraries:** Numpy, Pandas, Seaborn, Matplot
- **Analytical Tools:** Excel, Power Bi, Tableau
- **Developer Tools & Technologies:** MongoDB, Linux, AWS

Projects

Hotel Revenue Analytics | Excel, Power Bi

Jul 2025

- Conducted a comprehensive data project analyzing hotel bookings across four major Indian cities: Delhi, Mumbai, Hyderabad, and Bangalore.
- Focused on measuring hotel revenue by breaking it down across different room types, from comfortable premium rooms to luxurious suites.
- Evaluated the ratio of successful bookings to cancellations over a three-month span.

Cricket Analytics | Python EDA, Power Bi, SQL

July 2025

- Executed advanced Exploratory Data Analysis (EDA) using Python to identify key player performance indicators and statistical trends.
- Constructed sophisticated, multi-layered SQL queries to efficiently model and retrieve data for visualization.
- Designed and developed an intuitive dashboard that presents complex data as clear, compelling visual narratives of player performance.

Hospital Management System | HTML, CSS, JavaScript, PHP

Nov 2023

- Designed interactive features boosting user retention by 20% and experience by 30%.
- Developed a system to manage all the data to run a hospital, including doctor's data, and patient medical history, that can be helped to manage a hospital in a simpler manner.

Leadership Experience

Technical Content Creator & Workshop Coordinator | AI Club, VIT Bhopal

Mar 2025

- Authored AI/ML documentation and tutorials, increasing reader engagement and community participation by 15% through targeted knowledge-sharing sessions and practical coding examples.
- Designed and delivered a hands-on Cloud Computing workshop for 100+ participants, featuring live coding demos, algorithm implementation, and collaborative debugging sessions that achieved 95% participant satisfaction ratings.

Soft Skills

- Strong written and verbal communication.
- Analytical reasoning & data interpretation.
- Team leadership & stakeholder collaboration.
- Time management & multitasking.

Certifications

- **The Bits and Bytes of Computer Networking** | Coursera Dec 2023
- **SMARTBRIDGE Full Stack Developer Mern** | SMARTBRIDGE Jul 2025
- **NPTEL Cloud Computing** | IIT Kharagpur Jun 2024
- **NPTEL Market Analytics (Elite Certificate)** | IIT Madras May 2025