

Uday Kelodiya

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Education

VIT Bhopal University,

Bachelor of Technology, Major in Computer Science and Engineering,

Bhopal, Madhya Pradesh

September 22 onwards

Cumulative GPA: 8.02/10.0

Relevant Coursework: Object-Oriented Design, Data Structures And Algorithms

Projects

Contactless Waste Management System

December 22 - January 23

- Engineered the "Smart Dustbin Using Arduino," **achieving a 90% reduction** in contact during waste disposal through **sensor-based automation** that activates the lid.

Complaint Website

August 23 – October 23

- Designed the Student Assistance Hub, resulting in a **75% increase in student complaints** effectively managed, enhancing consumer advocacy for educational services.

Sustainable City - Wind Energy Initiative

October 19 - November 19

- Engineered an optimized electricity distribution system within the city model, enhancing energy **efficiency by 30%** and showcasing innovative solutions for urban planning.

Heart Disease Predictor

February 23 – April 23

- Developed a **heart disease prediction** model achieving over **85% accuracy** in risk assessment.

E-Rickshaw Remote Control System Development

February 24 – May 24

- Implemented a Wi-Fi module for the E-Rickshaw resulting in a **50% reduction** in response time for remote commands

TrainAssist Algorithm

From September 24

- Currently leading** the development of an **train prioritization algorithm** to improve scheduling efficiency and **reduce overall delays by 20%**, thereby enhancing service reliability.

TrainGuard System: GPS Monitoring and Emergency Response Mechanism

From September 24

- Creating an emergency validation system** to verify emergency chain pulls, reducing unnecessary train stoppages and **improving network efficiency by 10%**.

Skills

Technical: Python, C++, Integrated Development Environment (IDE)

Non-Technical: Documentation, Figma, UI/UX, Microsoft Suite

Achievements

Attained 5 Star in Python on HackerRank

DSA: Solved 40+ on LeetCode, preferred in C++ ,Python language

Certifications

Cloud Computing by NPTEL, Matlab and Simulink course certificate by Mathworks, Bits and Bytes of Computer

Networking by Google, Coursera

Positions of Responsibility

The Fine Arts Club

Social Media Lead

May 23 - May 25

- Implemented and Executed social media strategies, increasing club engagement by 30% across platforms.

- Secured partnerships and funding for events in collaboration with the college sponsorship lead, resulting in a 25% increase in event attendance.

Technical Fest

Sponsorship Coordinator

February 23-February 23

Orchestrated sponsorship initiatives for the college technical festival, securing funding that supported events with a footfall of over 10,000 attendees each year.

- Established 10+ strategic partnerships with local businesses, bolstering event resources and increasing event attendance by 25%, leading to enhanced community engagement and driving brand visibility across multiple channels.

Community Engagement Manager,

January 24 - February 24

- Propelled community engagement efforts, resulting in a 15% increase in participation through targeted outreach and promotional activities.

Hobbies

Health and Wellness Advocate, Outdoor Cycling,

Languages

Fluent in Hindi, English,