

UJJWAL JAIN

Bhopal , Madhya Pradesh , India

☎ +91-9012298990

✉ ujjwal06092004@gmail.com

🌐 [Linkedin](#)

🐙 [Github](#)

Education

VIT Bhopal

2022 – 2026

B.Tech - Computer Science and Engineering (Majors in Cybersecurity and Digital Forensics) CGPA: 7.84

Meerut Public School, Meerut Cantt , CBSE Board

2021 – 2022

Class XII (Senior Secondary Education) Percentage: 88.0%

Meerut Public School , Meerut Cantt, CBSE Board

2019 – 2020

Class X (Secondary Education) Percentage: 88.0%

Technical Skills & Courses

Languages: Java, Python, JavaScript, SQL

Core Concepts: Data Structures and Algorithms, Analysis of Algorithms

Technologies/Frameworks/Libraries: HTML, CSS, Machine Learning, Git

Coursework: Computer Networks, Operating System, Database Management Systems, Object-Oriented Programming, Data Structures and Algorithms, Theory of Computation and Compiler Design, Principles of Digital Forensics, Web Security, Amazon Web Services, Engineering Design and Modelling, Cyber Threat Analysis

Projects

MathGenix 🗄 | (Educational Technology, AI)

Mar, 2025 - Present

- Developed **MathGenix**, an AI-driven educational platform that enhances **math learning** through **interactive problem-solving** and **personalized challenges**.
- Addressed the limitations of **traditional math education** by implementing **adaptive learning techniques** that cater to individual student needs and learning styles.

SmartHR: AI-Powered Employee Management System 🗄 | (AI, HR Tech, Python)Mar, 2025 - Present

- Developed an **AI-driven Employee Management System** using **Machine Learning (Decision Trees, Neural Networks)** and **Python**, achieving **95% accuracy** in **performance predictions**.
- Processed and analyzed **10,000+ employee records**, leveraging **automated feature extraction, anomaly detection, and predictive analytics** to enhance workforce efficiency.
- Deployed a **scalable HR analytics dashboard**, optimizing **employee retention** and **workforce planning** through AI-powered insights.

Emotion Detection in Low Light Conditions 🗄 | (Deep Learning, Computer Vision, Python)June 2023 - Jul

- Developed a **CNN-based emotion detection model** optimized for **low-light environments**, improving classification accuracy by **15%**.
- Integrated **SRGAN** for image enhancement, leading to a **20% increase** in facial feature clarity and recognition performance.
- Curated a **1,000+ image dataset** tailored for low-light scenarios, ensuring high-quality training data for model generalization.

Profile Links

• [Leetcode/Ujjwal](#) • [CodeChef/UjjwalJain](#) • [GeeksforGeeks/UjjwalJain](#)

Certifications

- Certified In **MERN Stack** [Issued by *Ethnus* 2025]
- The Bits and Bytes of **Computer Networking** [Issued by *Coursera* 2023]

Achievements & Extracurricular Activities

- Core Member – Biz Whiz Club (Event Management Team)**
Oversaw **financial planning**, budgeting, and resource allocation, ensuring optimal utilization of funds for club initiatives and events.
- Volunteer – Advitya 2025**
Led **participant coordination** and orchestrated real-time issue resolution, ensuring a seamless experience for 1,700+ attendees.