

UJJWAL JAIN

Bhopal , Madhya Pradesh , India

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LinkedIn

Github

Education

VIT Bhopal

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

2022 – 2026

CGPA: 7.84

Meerut Public School, Meerut Cantt , CBSE Board

Class XII (Senior Secondary Education)

2021 – 2022

Percentage: 88.0%

Meerut Public School , Meerut Cantt, CBSE Board

Class X (Secondary Education)

2019 – 2020

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 - July 2023

- 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.