

# UJJWAL KAMILA

## Full-Stack Developer | Software Developer

ujjwalkamila86@gmail.com • +91 8101193171 • Kolkata, West Bengal, India • [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### PROFESSIONAL SUMMARY

Passionate B.Tech CSE student eager to explore technology and solve problems through algorithms. Enthusiastic about building projects, learning continuously, and contributing meaningfully while striving to grow as an adaptable, innovative, and impactful future engineer. Proficient in Python, DSA, web development, and database management, with strong analytical, logical reasoning, and problem-solving abilities. Actively seeking challenging developer opportunities to apply skills and deliver robust, scalable solutions.

### SKILLS

**Programming Languages:** Python, C, Java, JavaScript.

**Databases & Tools:** MySQL, Bash, Git, GitHub, Vercel, Netlify, Google Cloud.

**Web Development :** HTML5, CSS3, Bootstrap, Django.

**Frameworks & Libraries:** Pandas, OpenCV, EmailJS.

**Soft Skills:** Problem Solving, Teamwork, Communication, Collaboration.

### EDUCATION

#### Bachelor of Technology in Computer Science & Engineering

Maulana Abul Kalam Azad University of Technology, WB | Oct 2022 - Present

Gained comprehensive knowledge in Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, and Computer Organization & Architecture, with a strong focus on applying theoretical concepts to practical problem-solving and project development.

**Current CGPA : 7.6 / 10 (up to 6th semester)**

#### Higher Secondary Board Exam (WBCHSE)

Sevayatan Vidyalaya, Jhargram | Apr 2020- Apr 2022

**Percentage: 83.4%**

### PROJECTS

#### • Face Recognition Based Attendance System | [Python, CNN, LBPH, Haar-Cascade, MySQL] [[Link](#)]

Implemented a face recognition-based attendance system using CNN and Haar Cascade models, achieving 90%+ accuracy. Enabled automated attendance tracking with real-time recognition and also supported manual attendance updates. Integrated CSV import/export functionality for easy record management and maintained student registration and attendance data in MySQL databases for structured storage and retrieval.

#### • Django Blog Application | [Python, Django, HTML, CSS, MySQL] [[Link](#)]

Developed a secure, full-stack blog platform featuring user authentication, profile management, CRUD operations for posts and comments, and password reset functionality. Integrated MySQL database for data storage and utilized SSL/TLS encryption via Let's Encrypt to ensure secure HTTPS connections.

#### • Virtual Tools | [Python, OpenCV, Computer Vision] [[Link](#)]

Built a real-time hand-tracking module enabling virtual whiteboard and mouse control, using gesture recognition for interactive and smooth user experience with accurate detection. Applied computer vision algorithms for hand landmark detection, gesture recognition, and movement smoothing, ensuring reliable performance and responsive interaction in real-time applications.

### EXPERIENCE

#### Member - Hackaut (College Coding Club) | Nov 2023 - Present

- Organized 5+ coding events and workshops with 150+ participants, driving a 50% increase in active club membership.
- Fostered a competitive programming culture by launching weekly problem-solving challenges, attracting 40+ new participants to coding contests.

#### Content Creator - AIAA | Mar 2024 - Oct 2024

- Created 20+ Python learning PPTs and study resources, reaching 500+ students and improving quiz scores by 20% under senior mentorship.
- Strengthened student understanding of programming fundamentals by creating clear, accessible, and well-structured content.

### ACHIEVEMENTS

- Code Clock:** Secured 3rd position in the Code Clock Coding Contest organized by Coding Mafia, demonstrating strong problem-solving skills.
- Problem-Solving:** Solved 200+ algorithmic problems on **Leetcode** and other coding platforms, achieving a contest rating of 1439 (Top 67% globally).

### CERTIFICATIONS

- Python for Data Science - IBM [[Link](#)]
- Python Basics - HackerRank [[Link](#)]
- SQL Basics - HackerRank [[Link](#)]