

UJJWAL MISHRA

+91-8603542148 ◇ Bihar, India

ujjwalmishra523@gmail.com || [linkedin : ujjwalm01](#) || [GitHub : UjjwalMishra01](#) || [Website](#)

OBJECTIVE

Driven and technically skilled Computer Science student specializing in AI and Machine Learning. Experienced in software development and deploying ML models. Patent holder in automation technology, demonstrating innovation and teamwork in delivering optimized, impactful solutions

EDUCATION

B.E in Computer Science(AIML), Chandigarh University , Punjab August,2022 - July, 2026
CGPA: 8.03 — SGPA: 9.06

Higher Secondary Education, Diksha International School 2020-2021
GPA: 7.4

Secondary Education, Mount Assisi School 2018-2019
GPA: 8.38

SKILLS

Languages & Frameworks	Java, Python, Spring Boot, Spring MVC, RestAPI
Programming Concept	OOP's,Modular System Design, Machine Learning
Databases	MySQL, MongoDB
Tools	Postman, Git & Github, AWS(EC2,S3,IAM), Firebase
Soft Skills	Leadership, Team Work, Proficient Communicator, Multi-tasking, Critical Thinking

EXPERIENCE

Machine Learning Intern June, 2023 - August, 2023
Wictronix *Surat, Gujarat*

- Led the development of a road-segmentation model, resulting in a 25% improvement in model accuracy .
- Contributed to a 20% reduction in computational overhead.
- Tasks Alloted: Data Annotation, Data Processing, Segmentation Model, Documentation.

PROJECTS

Multithreaded Web Server October,2024 - November, 2024
Built a scalable multithreaded web server in Java using socket programming to handle concurrent client requests. Implemented HTTP protocol support for serving static files, with robust error handling, logging, and efficient thread management for improved throughput.[\(Link\)](#)
Skills: JAVA, Socket Programming, Multithreading, I/O Streaming, Concurrency Management, HTTPS Protocol

Trinetra January,2025-April,2025
Built a real-time, contactless heart rate detection system using facial video analysis. Used face detection to identify patients, extracted heart rate via PPGI and signal processing, and triggered alerts using Twilio for abnormal patterns.[\(Link\)](#)
Skills: Python, Mediapipe, OpenCV, Twilio API, Real-Time Processing, Signal Processing(Eulerian Magnification).

ACHIEVEMENTS

- Secured 3rd position at KraftThink, Chandigarh University.
- Secured Innovation Award at HackTech25, Thapar Institute of Technology
- Secured 4th position at Ideathon-2k24, Chandigarh University.
- Secured 3rd position at ProjectExpo-2024, Chandigarh University.