MAYANK KUMAR

+91 9336190764 ◇ mmayanktripathi897@gmail.com

linkedin.com/in/mayank-kumar-20ba2028a ◇ github.com/mayank-kumar03 ◇ myportfolio.com/mayank

OBJECTIVE

Computer Science student with a strong background in full-stack development and a genuine passion for AI and Machine Learning. Driven to build smart, scalable web applications that solve real-world problems and create meaningful impact.

EDUCATION

B.Tech (CS-AI), Pranveer Singh Institute of Technology (2022–2026)
CGPA: 8.1 (Till Sixth Sem)
Relevant Coursework: DBMS, Data Structures and Algorithms, OOPs

Intermediate (12th), B.L.M Inter College, Kanpur (2020–2021)
Percentage: 85.4%

High School (10th), Vidya Niketan Inter College Kanpur (2018 - 2019)
Percentage: 85%

SKILLS

Languages	**C++**, **Java**, Python
Web Development	HTML5, CSS3, React, Node.js, Express.js
Databases	MongoDB (Mongoose), MySQL
AI / ML	NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib
DevOps / Tools	Git, GitHub, Postman, Cloudinary
Editors	VS Code, Jupyter Notebook, IntelliJ IDEA
Soft Skills	Teamwork, Adaptability, Problem-solving

PROJECTS

Smart Waste Recycle System (Team) *(06/2025 – Ongoing)*
- Trained a **deep learning model** to classify waste into plastic, paper, glass, metal, cardboard, and trash.
- Exposed the model via a Flask REST API (`/predict`) for real-time image inference.
- Developed a waste-to-reuse **recommendation module** generating safe, step-by-step DIY reuse guides.
- Tech Stack: Python, TensorFlow, Keras, Flask, Deep Learning, HTML, CSS.

Video Wall (Individual) *(06/2024 – 03/2025)*
- Developed a scalable full-stack video hosting platform supporting uploads, subscriptions, and interactions.
- Designed **RESTful APIs** using Node.js and Express.js for high-frequency client requests.
- Integrated Cloudinary CDN for optimized media delivery and reduced load times.
- Implemented secure **JWT-based authentication** with access and refresh tokens.
- Tech Stack: React.js, Node.js, Express.js, MongoDB, Cloudinary, Axios, Postman.

Medwise (Healthcare Web App) (Team) *(09/2023 – 06/2024)*
- Built a healthcare platform with patient registration, appointments, emergency access, and blogs.
- Implemented role-based authentication (doctor/patient) using JWT.
- Tech Stack: HTML, CSS, Bootstrap, Node.js, Express.js, MongoDB.

CERTIFICATES

- 160 Days of DSA – GeeksforGeeks
- **Supervised Machine Learning** – Coursera (Stanford University)
- Generative AI – GUVI (Google Partner)
- C Programming – NPTEL (Excellent Grade)

ACHIEVEMENTS

- Solved 500+ coding problems on LeetCode
- **Global Rank 3894** in **TCS CodeVita Season 13** (Round 2 qualifier) among 100k+ participants.
- **Top 25 Finalist** – QubitX Hackathon (400+ teams)
- 85 Percentile in JEE Mains