Ankit kumar

- 📞 +91 9128408676
- ✉ ankitkumarboxer23@gmail.com
- 🔗 https://www.linkedin.com/in/0ankitkumar0/

SUMMARY

- Engineering student specializing in 3D Animation & Graphics, proficient in **Autodesk Maya, 3ds Max, and CorelDRAW**.
- Skilled in **full stack web development** and frontend design using **HTML, CSS, JavaScript, Tailwind CSS, React.js, and Next.js.**

CAREER

Software engineer — Dec 2023 – Jan 2024
Salesforce

- Developed and customized CRM features in Salesforce Lightning, Apex, and Visualforce, improving functionality and user experience through automation and UI enhancements.

Developer — May 2025 – Jun 2025
innovate intern

- Developed a **Pedestrian Detection System** using **HOG (Histogram of Oriented Gradients)** and **OpenCV** in Python.

PROJECTS

RAKOPT – AI/ML-based Rake Optimization System — Oct 2025 – Present
Next.js, FastAPI, Python, AI/ML,

- Designed and developed an **AI-driven Decision Support System** to optimize **rake formation and movement** for **SAIL (Steel Authority of India)**.

BusPakdo – Bus Tracking System — Sep 2025 – Oct 2025
Next.js, GPS, Tailwind CSS, Chart.js, API routes

- Developed a **web-based system** for **real-time bus tracking,** using GPS and Integrated **Google Maps API** for visualization

Pedestrian Detection — May 2025 – Jun 2025
Python,HOGs, OpenCV,NumPy,Matplotlib

- Implemented a **computer vision system** to detect pedestrians in video streams using **Histogram of Oriented Gradients (HOG)** and **OpenCV**.

EDUCATION

B.P. Mandal college of engineering, madhepura — Dec 2022 – May 2026
B.Tech in 3D-animation & graphics CGPA-7.93

SKILLS

- Tools: Python, C, javaScript, HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS
- Design & Animation Tools : Autodesk Maya, Autodesk Maya, CorelDRAW, Blender
- Soft Skills : Leadership and Team Management, Multitasking and Problem Solving, Creative Thinking and Innovation, Independent and Self-Motivated ("One-Man Army")

ACHIEVEMENTS AND AWARDS

- **Smart India Hackathon 2025:** Participated and developed innovative solutions (*BusPakdo* and *RAKOPT*) for real-world problems as team leader.
- Autodesk 3ds Max certification
- Machine Learning Certification