# AMAN GUPTA

**Kanpur, Uttar Pradesh , India|(+91) 8887468010|**

Gmail **|** LinkedIn **|** GitHub

## SKILLS

**PROGRAMMING LANGUAGE:** Java, Python
**LIBRARIES AND FRAMEWORK:** ReactJs, NodeJs, Express, Numpy, Pandas, Matplotlib
**DATABASE:** MySQL, MongoDB
**FRONTEND TECHNOLOGY:** HTML, CSS, JavaScript, Bootstrap
**COURSEWORK:** Data Structure and Algorithm, Operating System, Object-Oriented Programming(OOP), DBMS
**SOFT SKILLS:** Team Coordination, Analytical Reasoning, Strong Communication, Efficient Scheduling
**TOOLS**: Git, Postman, VS Code, Render

## EDUCATION

**Pranveer Singh Institute of Technology, Kanpur**
B.Tech in Computer Science and Engineering(AI)|2022-Present|CGPA**- 8.6/10**
**Kendriya Vidyalaya, Armapur, Kanpur**
Intermediate**|96.80% -2nd Position** in School**| 2021**
High School**| 95.60%** -**3rd Position** in School**| 2019**

## ACHIEVEMENTS

- Solved **500+** problems on LeetCode problems, Strengthening algorithmic thinking and coding skills.
- Achieved **5 Star Badge** on **HackerRank**.
- Qualified Stage 2 **RMO (Regional Mathematics Olympiad) after clearing PRMO.**
- Submitted a research paper on a Unified Framework for integrating real numbers using equivalence, partial order, and function-based relationships
- Ranked **Top 0.1%** Certificate in High School Board Exams.
- **Won 1st Prize in** Fun With **IOT**, a college technical event with 200+ participants.
- Led & hosted the **GeekX** **3.0 technical quiz event** as a member of Algo Club.

## PROJECTS

**BOARDMEET |GitHub| Demo**
- Engineered BoardMeet, a real-time whiteboard and one-on-one video calling app using **Node.js**, **WebRTC** and **Socket.io**. Optimized performance to achieve 95% real-time sync accuracy, reduced latency by 40%, and enabled secure, low-latency communication for 100% private two-user session.

**PHOTO MATRIX | Github| Demo**
- Architected **Photo Matrix**, an application designed for seamless image management, the platform enables users to upload, store, share, and remove images efficiently. Project utilizes **MongoDB**, **Express.js**, **Node.js**, **React**, and **Axios** for API.

**BRIEF VIEW | Github| Demo**
- Engineered an advanced text summarization tool. Integrated new features like audio/video input processing and bullet-point output for enhanced processing speed by 35% and achieved 90%+ accuracy using **Python, NLP, Transformer-based models, Flask, Speech to Text APIs.**

**JOURNEY JUNCTION| Github | Demo**
- Built a responsive website that offers a virtual tour of Bharat, by highlighting its top tourist attractions, accommodations and culinary experiences, by **HTML, CSS, JavaScript, Bootstrap5.**

## WORK EXPERIENCE

**AI Trainer, Outlier (Oct 2024 – Dec 2024)**
Executed debugging, refining, and optimizing AI models, improving accuracy by 15% and reducing error rates by 20%.
**Technical Leadership, Algo Club**                                           Link: **AlgoClub**
- Spearheaded technical initiatives as **Technical Head** of the **Algo Club**, organizing and leading technical events.
**Web Development Intern:**                                           Link: **Web Development Intern**
- Developed projects, including a weather website, Netflix-home-page, portfolio utilizing **HTML, CSS, Js.**

## CERTIFICATES

- AWS Cloud Practitioner Essentials- By **AWS, 2025**
- Supervised Machine Learning- By **Coursera, 2025**
- Full Stack Web Development- By **Udemy, 2024**
- Programming Fundamentals using Python- By **Infosys Springboard, 2024**

## CO-CURRICULAR

- Sketching, Chess, volleyball and keen interest in exploring and travelling