

SURYANSH GUPTA

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CAREER OBJECTIVE

To secure an entry-level software development role where I can apply my skills in Java, Data Structures & Algorithms, and problem-solving. I aim to contribute to meaningful projects while continuously learning modern technologies and growing as a reliable and innovative engineer.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science & Engineering(IOT)

Praveer Singh Institute of Technology | 2023-2027

CGPA: 8.45/10

TECHNICAL SKILLS

- **Programming Language:** Java(OOPS + DSA)
- **Web Development :** MERN Stack
- **Version Control:** Git, Git Hub
- **Database:** SQL

PROJECT:

CODE-CONNECT(MERN Stack):

- Independently developed a full-stack collaboration platform for student networking, doubt solving, and hackathon team formation.
- Designed and built skill-based user profiles, a syntax-highlighted doubt forum, and an intelligent team-finder module.
- Created and optimized REST APIs using Node.js and Express, and integrated MongoDB for matchmaking, user management, and real-time feeds.

AI-Based traffic control system:

- Collaborated with a team to develop an AI-powered traffic management system that detects vehicle density using Computer Vision.
- Implemented object detection modules using OpenCV and contributed to ML-based optimization of traffic signal timing.
- Helped design the decision engine that dynamically prioritizes high-traffic lanes, reducing congestion and improving flow efficiency.

SKILLS

- Leadership & Team Management
- Creative Problem Solving