

# SHIKHAR GUPTA

Ghaziabad, Uttar Pradesh

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in shikhargupta0813

🔗 ShikharGupta0813

## EDUCATION

**Indian Institute of Information Technology, Sonapat**  
*B.Tech - Computer Science and Engineering - CGPA - 7.86*

**Nov 2022 – May 2026(Expected)**

*Sonapat, Haryana*

**TRM Public School (CBSE Board)**  
*Senior Secondary (XII) Percentage - 94.6%*

**Apr 2021 – Apr 2022**

*Ghaziabad, Uttar Pradesh*

**TRM Public School (CBSE Board)**  
*Secondary (X) Percentage - 92.6%*

**Apr 2019 – Apr 2020**

*Ghaziabad, Uttar Pradesh*

## TECHNICAL SKILLS

- **Programming Languages:** C++, C, Python, JavaScript
- **Web Development:** HTML, CSS, RESTful APIs, React.js, Node.js, Express.js
- **Machine Learning:** Python (Scikit-learn, Pandas), Pytorch, TensorFlow, NLP
- **Databases:** MongoDB, MySQL
- **Cloud & DevOps:** AWS (EC2), Docker, Git, Nginx

## EXPERIENCE

**SDE Intern – Fleek IT Solutions** 🔗

**Apr 2025 – Jun 2025**

- Engineered a bug-risk prediction engine using Python, Flask, and Scikit-learn, analyzing 10K+ commits and 2K+ test logs.
- Developed scalable REST APIs with MySQL and CI/CD integration, automating 80% of risk reporting.
- Optimized ML models (Random Forest, Logistic Regression) to achieve 85%+ accuracy in defect prediction.
- Created React + Recharts dashboards visualizing risk heatmaps, reducing post-release bugs by 30%.

## PROJECTS

**Mindvista** 🔗 | Nginx | React.js | Node.js | Mongo | Express | JWT

**Feb 2025**

- Created a blogging app with creation, comments, threaded replies, likes & image uploads for user engagement.
- Engineered an admin dashboard for managing blogs/users, improving content management efficiency by 40%.
- Optimized backend with MongoDB indexing & aggregation (+50% search speed) & secured auth via JWT + Google OAuth.

**InsightDocs** 🔗 | React | Llama.cpp | Convex | Qdrant | Flask | Hugging Face | PyTorch

**Sep 2024**

- Built a cloud AI platform for document analysis & QA, boosting retrieval efficiency by 35%.
- Implemented a full-stack app (React, Flask, Llama.cpp, Qdrant) & Improved inference by 70% with quantization.
- Integrated Microsoft Phi 3.5 LLM for text processing & led a 5-member team to successful delivery.

## COURSEWORK / SKILLS

- |                                |                              |                                     |
|--------------------------------|------------------------------|-------------------------------------|
| • Data Structures & Algorithms | • Web Development            | • Natural Language Processing (NLP) |
| • Object-Oriented Programming  | • Database Management (DBMS) | • Reinforcement Learning (RL)       |
| • Operating Systems (OS)       | • Computer Networks          | • Machine Learning                  |

## ACHIEVEMENTS

- Secured 5th place among 180+ projects in HackFusion1.0 hackathon on Devpost. 🔗
- Top 10 among 500+ teams in NIT Kurushetra 24 hour hackathon "Innokshetra". 🔗
- Won 4th place among 250 teams in InnovateNSUT Hackathon at NSUT Delhi. 🔗
- Ranked in the top 3% nationwide with 97 percentile in JEE Mains 2022. 🔗
- Leadership: Supervised a team of 50 volunteers in the execution of the annual Sports Fest, 'Agnito'25 (IIIT Sonapat).