



# SHIKHAR GUPTA

SOFTWARE DEVELOPER

## PROFILE

Highly motivated Full Stack Developer with hands-on experience in building scalable SaaS platforms, AI-driven automation tools, and data-intensive applications. Skilled in React, Node.js, Flask, and modern ML frameworks, with a strong foundation in computer science and backend engineering. I excel at designing efficient systems, integrating LLM-based solutions, and improving product performance through data-driven decisions. Passionate about solving real-world problems, delivering clean modular code, and contributing to high-impact engineering teams.

## WORK EXPERIENCE

### Jun 2025 – Aug 2025

#### Full Stack Intern — Mocapay Infotech India

- Built a SaaS interview platform using React, Node.js, and MongoDB, supporting 1,000+ automated interview sessions.
- Integrated OpenAI & HuggingFace APIs to automate Q&A evaluation, reducing manual review workload by 70%.
- Developed secure dashboards with authentication, analytics, and reporting, improving recruiter efficiency by 40%.
- Implemented real-time interview modules using WebSockets and Speech-to-Text APIs for 50+ active users.

### Apr 2025 – Jun 2025

#### SDE Intern — Fleek IT Solutions

- Engineered a bug-risk prediction engine analyzing 10K+ commits and 2K+ test logs, improving defect prediction accuracy.
- Built scalable REST APIs with PostgreSQL and CI/CD pipelines, automating 80% of risk reporting workflows.
- Improved ML model performance with Random Forest & Logistic Regression, achieving 85%+ prediction accuracy.
- Designed React + Recharts dashboards to visualize risk heatmaps, reducing post-release bugs by 30%.

## PROJECTS

### Mindvista — Full Stack Blogging & Admin Platform

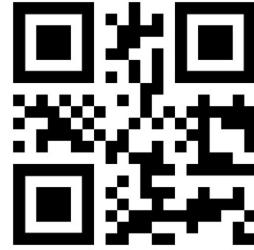
React, Node.js, Express, MongoDB, JWT, Nginx

- Built a full-featured blogging application with post creation, comments, threaded replies, likes, and image uploads.
- Developed an admin dashboard for managing users and blogs, improving content moderation efficiency by 40%.
- Optimized backend using MongoDB indexing and aggregation pipelines, increasing search speed by 50%.
- Secured authentication and authorization using JWT and Google OAuth.

### InsightDocs — AI-Powered Document Intelligence Platform

React, Flask, Llama.cpp, Qdrant, Convex, PyTorch

- Built a cloud platform for document analysis and AI-driven Q&A, improving retrieval efficiency by 35%.
- Implemented low-latency LLM inference using Llama.cpp and quantization, boosting performance by 70%.
- Integrated Microsoft Phi-3.5 for text processing and led a 5-member full-stack team through end-to-end delivery.
- Designed a modular pipeline combining vector search (Qdrant) with custom RAG workflows.



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## EDUCATION

### 2022-2026

#### IIIT SONEPAT

#### B.TECH CSE

- CGPA: 7.86

### 2021 - 2022

#### TRM PUBLIC SCHOOL (CBSE BOARD)

- XII
- 94.6%

### 2019-2020

#### TRM PUBLIC SCHOOL (CBSE BOARD)

- X
- 92.6%

## SKILLS

- Programming Languages
- C++, Python, Java, JavaScript, C
- Web Development
- HTML, CSS, React.js, Node.js, Express.js, REST APIs, Flask
- Machine Learning & AI
- Scikit-learn, Pandas, PyTorch, TensorFlow, NLP
- Databases
- MongoDB, MySQL, PostgreSQL, SQLAlchemy
- Cloud & DevOps
- AWS (EC2, S3), Docker, Linux, Git, Nginx, Linode
- Core Computer Science
- Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks

## ACHIEVEMENTS

- Secured 5th place among 180+ projects in the HackFusion 1.0 hackathon (Devpost).
- Ranked among the Top 10 out of 500+ teams in the NIT Kurukshetra hackathon Innokshetra.
- Achieved 4th place among 250 teams in the InnovateNSUT Hackathon at NSUT Delhi.
- Scored in the top 3% nationwide with 97 percentile in JEE Mains 2022.
- Demonstrated leadership by supervising a 50-member volunteer team during IIIT Sonepat's annual sports fest Agnito'25.