

Sneha Saini

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Professional Summary

Software Engineer and B.Tech Computer Science student (2026) with strong expertise in **Data Structures, Algorithms, and Full-Stack Development (MERN Stack)**. Experienced in building scalable web applications and AI-powered systems using **React.js, Node.js, Express.js, MongoDB, Python, and Machine Learning models**. Skilled in designing **REST APIs, JWT authentication, and cloud-based deployments**. Passionate about developing efficient, high-performance systems and solving real-world engineering problems.

Education

B.Tech in Computer Science , Sharda University, Greater Noida	2022–2026, CGPA: 8.89 / 10
12th , Rawal International School, Faridabad	2020–2022, 92.2%
10th , A.D Sr. Sec. School, Faridabad	2018–2020, 92.2%

Technical Skills

Languages: Java, Python, C++, JavaScript	Core CS: Data Structures & Algorithms, OOP, OS, DBMS, CN, System Design, Distributed Computing, Security	Libraries & ML Tools: NumPy, Pandas, TensorFlow, OpenCV
Frameworks: React.js, Node.js, Express.js, Flask	Databases: MySQL, PostgreSQL, Firebase	Additional Areas: Machine Learning, Mobile Development, UI Design
	Developer Tools: Git, VS Code, Jupyter, Postman	
	Cloud Platforms: Google Cloud Platform, Firebase Hosting	

Experience

Software Engineering Intern Escorts Kubota Limited	May 2024 – July 2024
- Engineered e-Connect, a high-performance social networking engine using React and Firebase, facilitating real-time data synchronization for enterprise-level interaction. Optimized backend latency by 25% by implementing efficient indexing in Firestore and refactoring redundant API calls. - Scaled the system to support 1,000+ concurrent simulated users through modular architecture and structured NoSQL schema design. - Boosted user engagement metrics by 30% through the implementation of a dynamic, personalized activity feed. - Automated deployment workflows using Firebase Hosting, reducing feature release cycles by 15%.	

Projects

AI Resume Analyzer & Generator (MERN + AI)	(GitHub Link)
- Developed an AI-powered resume analysis platform using React.js, Node.js, Express.js, MongoDB. - Built scalable REST APIs for resume processing and user data handling. - Designed responsive UI for real-time resume upload, analysis, and feedback.	
Job Portal (MERN Stack)	(GitHub Link)
- Built a full-stack job portal using React.js, Node.js, Express.js, MongoDB. - Implemented JWT-based authentication and role-based access (admin/user). - Designed RESTful APIs for job posting, applications, and user management. - Optimized database queries for handling multiple users and job listings efficiently.	

Certifications

AI Skills Passport — EY & Microsoft	2025
Google Cloud Career Launchpad — Google Cloud	2024
Web Development Certificate — Udemy	2024
Hackathon Participation (6th Edition) — Sharda University	2025