

SURBHI SHARMA

Mathura, India | Aspiring Software Engineer | Full-Stack & Systems Developer | Open Source Contributor
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Summary

Software Engineer practical experience in full-stack development, ML, and open-source contributions. Known for building deployable systems, contributing to real-world projects, and consistently ranking among the top performers in academics and competitions.

Education

GLA University Mathura, B.Tech in Computer Science (Honors) - 8.65 (Course Rank-2)	08/2022 - 06/2026
Kanha Makhan Public School, Mathura ,Intermediate - 82.4%	04/2020 - 05/2022
Sacred Heart Convent Higher Secondary School, Mathura, High School - 83.6%	04/2010 - 05/2020

Experience

Meridian Solutions <https://meridian-chatbot-users.vercel.app/>

Remote

Machine Learning Intern

02/2025 -05/2025

A Microsoft-certified provider of scalable cloud and cybersecurity solutions for global enterprise.

-Developed an NLP-based chatbot that automated **70%** of FAQ queries, reducing average resolution time by **55%** and cutting manual support workload by **~30 hrs/month**.

- Implemented **intent classification logic** using **regex + NLP techniques**, achieving **92% accuracy** on benchmarked queries.

-Designed and deployed **React.js components** enabling **real-time user interaction**, improving **UI responsiveness by 40%**.

Social Summer of Code

Remote

Open Source Contributor

06/2025 - 08/2025

A student focused community.

- Contributed Python modules for AutoEDA to automate profiling, SQL querying, and report generation.

- Enhanced CI/CD workflows using GitHub Actions for test automation and semantic versioning.

Projects

Vehicle Cut-In detection

GLA University,India

<https://github.com/Surbhiiii/Vehicle-Cut-in-Detection>

05/2024-07/2024

A project for detecting vehicle cut-ins in real-time using advanced technology.

Built a **real-time vehicle cut-in detection system** using **YOLOv5, OpenCV, and Pandas**, achieving **99%+ true positive rate**.

Applied **multithreading + buffer handling** for live video stream processing, reducing **latency by 45%** and **real-time detection at 30FPS**.

DoodleHub – Collaborative Whiteboard Platform

GLA University,India

<https://doodleing.onrender.com/>

06/2025-08/2025

A **real-time collaborative whiteboard** with **MERN stack + WebSockets**, enabling **50+ concurrent users** with **<200ms sync delay**.

Applied HTML5 Canvas API for interactive sketching, shapes, and annotations on the shared board.

Designed a responsive, mobile-first UI with CSS Grid, Flexbox, and Tailwind CSS, enhancing cross-device engagement by **40%**.

Deployed on Render, integrated CI/CD via GitHub Actions for automated builds and deployments.

Achievements

Hackathon Achievement -Runner-Up(80+ teams) at Hack-a-Viz Hackathon associated with GLA University.

LeetCode Achievement - Solved **600+** questions,current global rank - **84,681** , attended **33+** contests.

NPTEL Recognition- Received NPTEL discipline star & **Gold Badge** by ranking in top **1%** nationwide. (**6+ Certificates**)

Skills

Programming & Scripting: Python, Java, JavaScript,SQL,C.

Web & Full-Stack: HTML, CSS, React, Node.js, Express.js, REST,MongoDB.

DevOps & Tools:Git,GitHub,Docker,Jenkins, Azure Pipelines, Visual Studio Code, Agile,SDLC,Vercel,Postman,AWS.

Data, AI/ML & Frameworks: Pandas, OpenCV, NLP,ML,AI,DL,Numpy,Scikit learn.

CourseWorks:DBMS,OOPS,CN,OS,Software Engineering.

Certification

Microsoft AI-900 Certification : Microsoft AI-900 certified with a score of **936/1000** . [Certificate](#)

Infosys Springboard : HTML5 & CSS3 .