

Shauryam Singh

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◇ Portfolio

SUMMARY

Results-driven Full-Stack Developer skilled in building performant, scalable web applications using **React, TypeScript, Flask, Python, and SQL/NoSQL databases**. Strong foundation in **data structures, algorithms, and clean software architecture**, with hands-on experience deploying **AI/ML-driven features**. Demonstrated ability to ship end-to-end products, improve performance, and automate workflows. Seeking roles where I can contribute to **real-world engineering challenges** and deliver measurable impact.

EDUCATION

B.Tech. in Computer Science & Engineering, SRM University, NCR Campus (GPA: 9.00/10) Aug '23 — Present Ghaziabad, India

PROJECTS

Healthify - Virtual Herbal Garden [Link](#) Sep '24

- Built full-stack platform with React (TypeScript), Flask, and Scikit-learn for plant recognition and disease suggestions.
- Developed an ML pipeline using **HOG features + Random Forest**, achieving **~92% classification accuracy** across 8,000+ plant images.
- Implemented advanced search, detailed plant pages, and interactive quizzes that increased user engagement by **40%** during testing.
- Optimized image preprocessing workflow, improving prediction speed by **30%**.

AI-CodeReview-Assistant [Link](#) Oct '25

- Developed an AI-powered tool to **automate code reviews**, reducing manual review time by **40–60%** for test repositories.
- Integrated tool workflows to support developers with faster review cycles, reducing manual errors.
- Leveraged modern frameworks and APIs to build a seamless developer tool experience.
- Created a developer-friendly UI that cut onboarding time by **50%**.

SKILLS

Languages JavaScript, Python, C++, TypeScript

Frontend React.js, Tailwind, HTML, CSS

Backend Flask, RESTful API, Node.js

Databases MySQL, MongoDB

Tools Git, GitHub, VS Code, Chrome DevTools

Concepts OOPS, Responsive Design, Version Control, DSA, API Design

CERTIFICATIONS

Frontend Developer (React), HackerRank Jan '25

Electronic Arts - Software Engineering Job Simulation, Forage Jan '25

ACHIEVEMENTS

Top 60 out of 4000+ teams – Code 4 Cause Hackathon @ NSUT by HackWithIndia

Solved 200+ problems on LeetCode and GeeksforGeek