

Siddhi Agrawal

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[Portfolio](#) — [GitHub](#) — [LeetCode](#) — [LinkedIn](#)

EXPERIENCE

Progress – Software Engineer Intern (ShareFile) July 2025 – Present

- Working on the **ShareFile** mobile app, Progress's secure file-sharing platform for enterprises.
- Adding new features and components using **React Native** and **TypeScript**.
- Contributing to a production-scale codebase and collaborating in Agile sprints using **Bitbucket**.

Futuristic Bots – Software Development Intern Nov 2024 – Apr 2025

- Engineered backend tools with **Django** and **DRF**, reducing diagnostics time by 30% and integrating data from 10+ IoT edge devices.
 - Built a LiDAR-based pallet detection system using unsupervised learning; reached 80% real-time accuracy.
 - Integrated hardware protocols like **ROS** and **CAN** with Python backends to automate field diagnostics.
 - Utilized **Git**, **SQLite**, and **Linux** for development, testing, and collaboration in a startup environment.
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PROJECTS

AI Resume Builder – React.js, Tailwind CSS, OpenAI API — [GitHub](#)

- Developed a GenAI-powered tool that generates tailored resumes in seconds based on user prompts.
- Initially built and tested using OpenAI's API with live text generation support.

Project Management System – Django, React.js, PostgreSQL, JWT — [GitHub](#)

- Developed a full-stack app with role-based access control, team tasks, deadlines, and notifications.
- Used JWT for auth, PostgreSQL for data handling, and REST APIs for frontend-backend integration.

Image to Text Converter – React.js, Tesseract.js, Node.js — [GitHub](#)

- Designed a lightweight OCR tool with 95%+ accuracy to convert scanned images into editable text.
 - Supported 500+ weekly conversions and exported results via downloadable CSV.
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TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C++, Bash

Frameworks & Libraries: Familiar with Django, React.js, React Native, Node.js, Tailwind CSS

Databases: Worked with PostgreSQL, SQLite

Tools & Platforms: Git, GitHub, Bitbucket, Appwrite, Postman, VS Code, Linux

Development Practices: Basic understanding of Agile, CI/CD, REST APIs, JWT, OOP

AI/ML: Explored OpenAI API, LangChain, Hugging Face, scikit-learn, Pandas, NumPy

EDUCATION

B.Tech, Computer Science and Engineering

Aug 2021 – May 2025

GL Bajaj Institute, Greater Noida

CGPA: 8.2 / 10

Senior Secondary (XII), CBSE

2021

Radiant Stars English School

Score: 93.4%

ACHIEVEMENTS

- Finalist: **Smart India Hackathon 2023, Flipkart Grid 5.0, Algobash** – Top 1% of 5000+ participants.
- Contributor: **GirlScript Summer of Code, Google Developer Group New Delhi**.
- Solved over **800+ DSA problems** on LeetCode, GFG, CodeStudio — with consistent improvement in problem-solving speed.