

SHIVAM SHARMA

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EDUCATION

GL Bajaj Institute Of Technology and Management

Bachelor of Technology in Computer Science - **CGPA - 8.04**

Aug 2023 – Jul 2026

Greater Noida, India

Raja Jait Singh Government Polytechnic

Diploma in Computer Science and Engineering - **Percentage - 84%**

Aug 2020 – Jun 2023

Faridabad, India

PROJECTS

Scrap Management System Module 🔗 | Django, ReactJs, SQLite, Deep Learning

Live

- Built a full-stack web application ScrapBridge using React and Django, integrating **JWT** and **OAuth-based authentication** for secure user access.
- Implemented a **CNN-based deep learning** model for scrap classification, improving accuracy by 15% in internal testing, resulting in more accurate scrap categorization.
- Leveraged **Leaflet** and **Rapid API**'s to enhance map functionality and enable real-time messaging for scrap-booking status updates.
- Validated and integrated **Razorpay payment gateway**, completing over 50 successful mock transactions to ensure seamless payment processing during development.

School Web Application 🔗 | Django, JavaScript, SQLite, Git, PythonAnywhere

Live

- Developed a fully functional school web application, optimizing student registration and reducing administrative workload by 30%, improving efficiency.
- Designed and created core features including Principal **login**, **student registration**, and an automated **email notification system**, enhancing school operations.
- Live Link : <https://shivam2419.pythonanywhere.com/>

Blog Website 🔗 | Python, Django, ReactJs, SQLite, Rest API's

Mar 2024 - Apr 2024

- Engineered a full-stack blog platform using **Django (DRF)** and **ReactJs**, enabling users to create, like, comment, and share posts, enhancing user interaction.
- Built a secure authentication system with **JWT-based** login/signup for user management.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, SQL

Developer Tools: VS Code, PyCharm

Technologies/Frameworks: GitHub, ReactJS, Django

Coursework: Operating system, OOPS concept, Data Structure & Algorithms, DBMS

EXTRACURRICULAR

Codeathon Sprint Hackathon 🔗

Full Stack Developer

New Delhi, India

- Led the development and design of a Scrap Management System, winning **1st place** out of 25+ teams in the Codeathon Sprint Hackathon by streamlining scrap collection and enhancing system efficiency.
- I took on responsibilities including Image Classification, creating API's and led the development process. and mentored team members while ensuring efficient communication, which led to winning first place among 20+ teams.

BrainWave Hackathon (AIMS DTU x OnDemand) 🔗

Front-End Developer

New Delhi, India

- Engineered and optimized the front-end of the CITY-ASSIST platform using MERN stack, simplifying the complaint submission process, designing UI/UX, and integrating the NSFW image classification API.
- Won 5th place and Successfully presented the project to municipal authorities, which led to letter of appreciation for its impact.

CERTIFICATIONS

- Python Certificate (Infosys)
- Internship certificate (NSIC)

- Hackathon certificate (Codeathon Sprint)
- City-Assit certificate (BrainWave Hackathon)