

Sudan Rawat

✉ sudanrawat59@gmail.com ☎ 8865824427 📍 f3 Visthapit Colony, Rishikesh

🔗 github.com/sudan1234-sys

PROFILE

Enthusiastic and technically skilled Computer Science Engineering graduate from Graphic Era Hill University with a strong foundation in full-stack development. Completed an internship at the National Informatics Centre (NIC), gaining hands-on experience in real-world software environments. Proficient in C, Java, JavaScript, TypeScript, Angular, Node.js, Express.js, Spring Boot, PostgreSQL, and SQL. Passionate about building scalable web applications and eager to kickstart a career as a Full Stack Developer with a forward-thinking organization.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Graphic Era Hill University
7.3-cgpa Till Present

2021 – 2025
Dehradun, India

Developed a strong foundation in software development, data structures, databases, and computer systems. Completed relevant coursework in Web Technologies, Operating Systems, DBMS, Computer Networks, and Algorithms.

PROJECTS

AI-Driven Real Estate Full-Stack Web Application

Tech Stack: Angular, Tailwind CSS, Angular Material, Spring Boot, PostgreSQL (Neon), Flask, XGBoost, WebSockets

Designed and developed a full-stack real estate platform where users can post, browse, and negotiate property deals (houses, land, etc.). Integrated a machine learning-based **House Price Prediction** model (using XGBoost and Flask) to assist users in estimating optimal listing prices.

Implemented a **real-time bidding system** using WebSockets for dynamic property price negotiations. Used **Spring Boot** for robust backend services and **PostgreSQL** hosted on the Neon cloud platform. The frontend, built with **Angular** and styled using **Angular Material** and **Tailwind CSS**, ensured a modern and responsive user experience.

Additional features include: user authentication, liked properties, and responsive UI for mobile and desktop.

E-Commerce Web Application (Frontend)

Tech Stack: Angular, Angular Material, FakeStore API

Developed a fully functional e-commerce frontend using **Angular**, integrating products from the **FakeStore API**. Implemented **category-based filtering**, **wishlist functionality**, and a **product review system** to enhance user engagement.

Built an **image zoom on hover** feature for product thumbnails, similar to modern platforms like Amazon and Flipkart, providing an intuitive and interactive shopping experience. Styled the application using **Angular Material** for responsive and visually appealing UI.

User Management Dashboard with Authentication

Tech Stack: Angular, Angular Material, Node.js, Express.js, File Handling

Built a web application featuring **Login/Signup authentication** and a **dashboard** to manage registered users. Users could **view**, **edit**, **delete**, and **update** details of all registered accounts through a clean interface.

Developed the backend using **Node.js and Express**, utilizing **file-based storage** for managing user data. The frontend, built with **Angular** and styled using **Angular Material**, provided a responsive and intuitive UI for user operations.

SKILLS

Angular	<div><div></div></div>	Angular Material	<div><div></div></div>
TypeScript	<div><div></div></div>	JavaScript	<div><div></div></div>
HTML5 / CSS3	<div><div></div></div>	Spring Boot	<div><div></div></div>
Node.js	<div><div></div></div>	Express.js	<div><div></div></div>
SQL	<div><div></div></div>	pdfMake	<div><div></div></div>
WebSockets	<div><div></div></div>	RESTful APIs	<div><div></div></div>
Java	<div><div></div></div>	C	<div><div></div></div>

PROFESSIONAL EXPERIENCE

Full Stack Development Intern

National Informatics Centre (NIC), Government of India

- Contributed to a **live government project** for the **Municipal Corporation Department (MCD)**, focusing on digitization of public service forms (Birth, Death, and Cremation Certificates).
- Developed responsive and dynamic form interfaces using **Angular** and **Reactive/Template-driven Forms**.
- Implemented **PDF generation** from form input data using **pdfMake**, enabling downloadable certificates directly from the UI.
- Built and integrated backend APIs using **Spring Boot**, ensuring secure data submission and processing.
- Collaborated in a cross-functional team and gained hands-on experience with full-stack development in a real-time, production-level environment.

11/2024 – 03/2025

New Delhi