

# Sudan Rawat

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🔗 github.com/sudan1234-sys

## PROFILE

Full Stack Developer with expertise in Angular, Spring Boot, Node.js, Express.js, PostgreSQL, and Docker. Completed internship at National Informatics Centre, Government of India. Focused on developing scalable web applications and deploying them using Docker, Render, and Vercel. Proven ability to deliver production-ready software with secure backend services and responsive user interfaces.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Graphic Era Hill University

7.3-cgpa

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 for posting, browsing, and negotiating property deals (houses, land, etc.).
- Integrated a machine learning-based House Price Prediction model using XGBoost and Flask to help users estimate optimal listing prices.
- Implemented a real-time bidding system with WebSockets for dynamic property price negotiations.
- Built robust backend services with Spring Boot and used PostgreSQL hosted on the Neon cloud platform.
- Developed a modern, responsive frontend with Angular, styled using Angular Material and Tailwind CSS.
- Included features such as user authentication, liked properties, and mobile/desktop responsive UI.

### E-Commerce Web Application (Frontend)

Tech Stack: Angular, Angular Material, FakeStore API

- Developed a fully functional e-commerce frontend using Angular with product data from the FakeStore API.
- Implemented category-based filtering, wishlist functionality, and a product review system.
- Built an image zoom-on-hover feature for product thumbnails, similar to platforms like Amazon and Flipkart.
- Styled the application with Angular Material for a 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 with Login/Signup authentication and a dashboard for managing registered users.
- Enabled viewing, editing, deleting, and updating of user details through a clean interface.
- Developed the backend with Node.js and Express, using file-based storage for user data.
- Created a responsive frontend with Angular and Angular Material for intuitive user management.

## PROFESSIONAL EXPERIENCE

### Full Stack Development Intern

National Informatics Centre (NIC), Government of India

11/2024 – 03/2025

New Delhi

- Developed Angular interfaces for digitizing public services (e.g., birth/death certificates).
- Integrated pdfMake to generate downloadable, standardized certificates.
- Built secure RESTful APIs using Spring Boot.
- Collaborated with cross-functional teams to deliver quality solutions.




## SKILLS

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- Frontend: Angular, HTML5, CSS3, and Angular Material
- Databases: PostgreSQL (Neon), MySQL, MongoDB (basic)
- Tools and libraries: Git, pdfMake, WebSockets, JWT, and XGBoost
- Backend: Spring Boot, Node.js, Express.js, Flask, and REST APIs
- DevOps and hosting: Docker, Vercel, Render, and GitHub Actions
- Programming languages: Java, JavaScript, TypeScript, and C

## WEBSITES, PORTFOLIOS, PROFILES

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- [github.com/sudan1234-sys](https://github.com/sudan1234-sys) 
- [linkedin.com/in/sudan-rawat](https://www.linkedin.com/in/sudan-rawat) 
- <https://portfolio-5z98.vercel.app/> 

## ACHIEVEMENTS

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- Developed three or more complete, full-stack applications
- Experience across the full software development lifecycle
- Skilled in UI/UX, deployment pipelines, and containerized backends