



Himanshu Gupta

B.Tech

Electrical Engineering

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Portfolio

GitHub Profile

LinkedIn Profile

EDUCATION

•National Institute of Technology, Kurukshetra

2021-25

Bachelor of Technology in Electrical Engineering

CGPA/Percentage: 8.89

•Sony Academy Sr. Sec. School

May 2020

Intermediate (Class 12th), Board of Secondary Education, Rajasthan

CGPA/Percentage: 92.60

•Sony Academy Sr. Sec. School

May 2018

High School (Class 10th), Board of Secondary Education, Rajasthan

CGPA/Percentage: 89.83

EXPERIENCE

•Solid State Physics Laboratory (SSPL), DRDO – Delhi

May 2024 - July 2024

Intern – Fabrication and Optimization of Terahertz Devices

- Fabricated and optimized terahertz devices, including photoconductive antennas (PCA) and plasmonic structures, using advanced lithography techniques.
- Conducted performance testing and analysis of device efficiency, enhancing THz wave generation and detection.

•Alorb Technology

May 2024 - July 2024

Intern – User Dashboard and Hotel Grievance Redressal System

- Worked on the Hotel Grievance Redressal System, a web application for submission, tracking, and resolution of grievances raised by hotel guests.
- Developed a user dashboard with complete authentication and implemented REST APIs for efficient grievance management and resolution.

PROJECTS

•BlogHub (Backend Api's)

Feb 2024

Tech Stack: Spring Boot, Jpa, Spring security, Devtools, MySQL, Lombok, jsonwebtoken, Swagger

- Led the development of a dynamic blog app with Spring Boot, incorporating JPA, Spring Security, and DevTools to expedite development; implemented MySQL and JPA for efficient data storage and management
- Architected and deployed secure authentication mechanisms utilizing JSON Web Tokens and Spring Security, fortifying access control to sensitive data; streamlined API documentation through Swagger.
- Links: [Code](#)

•MarketHub

March 2024

Tech Stack: React Native, Navigation, Formik, firebase, expo-image-picker, Tailwind-css

- It's a user-friendly platform allowing users to list items for sale and connect with potential buyers effortlessly also facilitated seamless communication between buyers and sellers through email integration
- Integrated Clerk Expo for comprehensive authentication features, enabling secure user sign-in and sign-out functionalities.
- Links: [Code](#) | [Live](#)

•CampusMart

May 2023

Tech Stack: React.js, Tailwind CSS, Redux, MongoDB, Node.js, Express.js, Nodemailer, Multer,

- It's a platform where college students can list their items for sale, and potential buyers can easily find and connect with them.
- It included OTP verification for authentication, ensuring a secure user experience with login , signup , forgot , reset password functionality and also oast notifications using React Toastify.
- Links: [Code](#) | [Live](#)

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript, Python

Frameworks and Libraries: React js, React Native, Redux, Spring Boot

Concepts: OOP's, Operating Systems, DBMS, System Design (LLD)

Tools: Git, GitHub, Docker, VS Code, Render, Netlify

ACHIEVEMENTS

- Selected in **top 30 teams** from our college to represent at the national level in **Smart India Hackathon**
- Successfully solved over 800+ complex algorithmic problems on **Leetcode** and **GFG**