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 Pvt Ltd, Banglore,India** — *Jan 2024 - May 2024*
Intern – Web Application Development and User Dashboard Enhancement
- Enhanced mobile app features by implementing intuitive design improvements, leading to increased user engagement and satisfaction.
- Developed a comprehensive user dashboard with full authentication capabilities and integrated REST APIs for improved functionality, Led code reviews initiatives, significantly improving overall code quality through thorough analysis and adherence to best practices.

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**

•**Connectify** — *July 2023*
Tech Stack: MERN Stack (React.js, MUI, Redux Toolkit, MongoDB, Node.js, Express.js), Formik,
- Created a social networking platform where users can interact with posts, connect with friends, and expand their network.
- Utilized React Redux, Redux Toolkit for efficient state management and integrated MongoDB for data storage and utilized React Router for seamless navigation .
- 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 functionalliy and also toast 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, node js

Concepts: OOP's, Operating Systems, DBMS

Tools: Git, GitHub, 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**