

Nupoor Verma

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OBJECTIVE

As a recent graduate in Electronics and Communication Engineering (ECE), I have built a strong foundation in front-end development, focusing on creating user-centric web applications using JavaScript and modern frameworks like React.js. My hands-on experience with responsive, high-performance single-page applications (SPAs) has honed my problem-solving abilities and given me a solid understanding of the software development life cycle. I am passionate about applying my expertise in JavaScript and web technologies, while continually learning and growing in a collaborative development environment.

PROFESSIONAL EXPERIENCE

IoT Intern | <https://pdf.ac/Y9UIH>
Emerxte Pvt Ltd, Bangalore

November 2022 - January-2023

- Improved team efficiency by contributing to the development of a home automation project, cutting prototype testing time by 15% using Arduino and PICSimLab.
- Successfully implemented sensor-based solutions, boosting system precision by 20%, ensuring consistent and reliable data.
- Supported various SDLC phases, including project planning and testing, leading to a 10% reduction in delivery time.

Outreach Intern | <https://pdf.ac/ljdnSr>
ISRO, Bangalore

January 2022-January 2022

- Completed geoprocessing training with Python, applying concepts to analyze raster data and achieving 98% precision in spatial modeling tasks.
- Collaborated with a team to provide insights on geospatial data, shortening analysis turnaround by 30%.

PROJECTS

Modbus Protocol System

- Designed a system to monitor environmental temperature using sensors, facilitating real-time data acquisition, transmission, and analysis.
- This highlights your role in actively creating and optimizing the system while emphasizing real-time capabilities.

BLOG-IT-OUT | <https://www.blog-it-out.netlify.app>

- Engineered a full-stack blog application using the MERN stack, ensuring responsiveness for optimal usability across mobile and desktop devices. Integrated Firebase to secure user authentication and enable live data features.
- Created a mobile-responsive layout using Tailwind CSS, improving the user experience across various devices.

Quiz | <https://lquizee.vercel.app>

- Built an interactive quiz application using HTML, CSS, and JavaScript, with dynamic multiple-choice questions, live score tracking, and a design that ensures accessibility across all devices.

SKILLS

FrameWork/Libraries:
React.js, Express, Tailwind CSS
Languages:
JavaScript,HTML5,CSS3
Database: MongoDB
Others:
responsive-design,Problem-solving
Tools: Git, Vite

APIs & Protocols: REST
API,POSTMAN

EDUCATION

**Bachelor of Science in
Electronics and communication,
Engineering**

CMR Institute of Technology,
Bangalore
Graduation Date:
November-2023

Relevant coursework:

Power Systems, Circuit Design,
Computer Networks

CERTIFICATIONS

**Overview of Geoprocessing with
Python | [Certificate Link](#)**

ISRO,Dehradun
Issued 2022

French Language | [Certificate
Link](#)

Foreign Language Club by CMRIT
Issued 2022

LANGUAGES

English (Fluent)
Hindi (Native)
French (Basic)