
Nupoor Verma

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Summary

Motivated Software Engineer/ Developer with hands-on experience in building and deploying RESTful APIs using Node.js, Express, and MongoDB as part of MERN stack projects. Skilled in authentication (JWT, OAuth), secure data handling, and cloud integration (e.g., AWS, Render). Adept at debugging, working with databases, and following Agile practices. Known for quickly grasping new technologies and solving real-world challenges under deadlines. Eager to contribute to scalable backend systems and continuously enhance performance and reliability.

Experience

Emerxte Pvt Ltd - IoT Intern

11/2022 - 03/2023

Bangalore, Karnataka

- Designed and developed a user interface for controlling IoT-based home automation using HTML, CSS, and JavaScript.
- Created interactive visual components to monitor and display real-time sensor data.
- Collaborated with hardware team to streamline frontend and device communication, reducing prototype testing time by 15%.

ISRO - Web Visualization Intern (Geospatial Data UI)

01/2022 - 02/2022

Bangalore, Karnataka

- Developed dashboards to visualize geospatial raster and satellite data using Python plotting libraries.
- Supported UI-level tasks to present spatial data clearly to research teams.
- Achieved 98% precision in spatial data modeling through well-structured visualization.

Portfolio & Websites

- **Portfolio:** <https://myportfolio-rust.vercel.app/>
- **LinkedIn:** <https://www.linkedin.com/in/nupoorverma-578696267>
- **Github:** <https://github.com/nuve-ra>

Skills

- **Languages:** JavaScript (ES6+), TypeScript, Java, HTML5, CSS3
- **Frontend:** React.js, React Hooks, Next.js, Tailwind CSS, CSS Module
- **Backend:** Node.js, Express.js, MongoDB, Mongoose, RESTful APIs
- **Authentication:** JWT, OAuth, Firebase Authentication, CORS
- **Tools and concepts:** Postman, Docker, Render, AWS, Netlify, and Git, GitHub

Education and Training

11/2023

CMR Institute of Technology

Bangalore

Bachelor of Engineering: Electronics

And Communication

Power Systems, Circuit Design,

Computer Networks

Certifications

- Geoprocessing with Python – ISRO (2022)
- French Language Certification – Foreign Language Club, CMRIT (2022)

Blog-it-out |

Live Link: <https://blog-it-out.netlify.app>

Tech Stack: Node.js, Express.js, MongoDB, JWT, OAuth, CORS, React, Tailwind CSS, AWS

- Engineered a secure, modular blogging platform using the MERN stack with MVC architecture
- Developed protected routes and user sessions using JWT and OAuth flows
- Designed and deployed RESTful APIs for posts, users, and session logic
- Optimized server response times by 20% through API performance tuning
- Deployed backend using Render with cloud configuration and persistent storage setup

Spotify Clone |

Live Link: <https://song-spotify-clone.netlify.app>

Tech Stack : Node.js, Express.js, MongoDB, Cloudinary, REST APIs, Render, React

- Architected a MERN-based music streaming platform supporting playlist logic and user authentication
- Built scalable REST APIs for audio upload, playlist creation, and track management
- Integrated Cloudinary for optimized file storage and streaming
- Managed all app data using Mongoose models with clean schema definitions
- Delivered full-stack deployment using Render with dynamic environment variables

Stock Market Application |

Live Link: <https://effervescent-starlight-fe54cf.netlify.app/>

Tech Stack: Next.js, TypeScript, Yahoo Finance2 API, CSS Modules

- Developed a responsive dashboard to display real-time financial data using SSR in Next.js
 - Consumed and parsed financial metrics from Yahoo Finance2 API, including CMP, P/E, and earnings
 - Handled client-server data flow, error states, and dynamic updates across components
 - Delivered a fast, SEO-optimized web interface with modular and maintainable code structure
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Languages

Hindi,English

Concepts

- CRUD Operations, MVC Architecture, RESTful API Design, Authentication & Authorization, Agile Development, Scrum, Git Workflows, CI/CD Frameworks