

SHAIK NAGUR BASHA

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PROJECTS

NeoChat

Technologies: *JavaScript, ReactJS, Redux, NodeJS, ExpressJS, MongoDB, Mongoose* | [Website](#)

- Developing a real-time chat application using the MERN stack, enhancing cross-device communication by 50%.
- Integrated Google OAuth for secure user authentication, boosting login security by 40% and improving efficiency by 35%.
- Optimized data flow with Redux, cutting message latency by 25% and boosting high-load performance.
- Enhanced UI/UX with TailwindCSS and Flowbite, increasing user engagement by 30%.

BlogByte-Blog

Technologies: *JavaScript, ReactJS, Redux, Google OAuth, TailwindCSS, Flowbite* | [GitHub Repository](#) | [Website](#)

- Developed a MERN full-stack blog platform with admin and search functionalities, optimizing content management for 200+ active users.
- Engineered system architecture changes that reduced server response time from 200ms to under 100ms through optimized database queries and effective resource allocation during peak usage hours.
- Deployed a responsive, dark-mode interface, achieving a 90% user satisfaction rate and improving retention.
- Added likes, comments, and sharing, driving a 50% increase in user engagement.

Wanderlust Listing-Hub

Technologies: *JavaScript, NodeJS, ExpressJS, MongoDB, EJS, Passport-Local* | [GitHub Repository](#) | [Website](#)

- Built a comprehensive hotel booking platform with map integration, enhancing booking efficiency by 30%.
- Structured maintainable code with RESTful APIs and MVC architecture, reducing development time by 20%.
- Implemented Passport-Local authentication framework to enhance user data security, resulting in a 40% reduction of unauthorized access attempts and safeguarding sensitive customer information across the hotel booking platform.

MINI PROJECTS

- ❖ **Spotify Home UI Clone:** Created a Home Page UI clone of Spotify using HTML and CSS, enhancing design skills and improving project-based learning by 30% | [Website](#)
- ❖ **Random Color Generator:** Generated random colors using HTML, CSS, and JavaScript, increasing frontend design flexibility by 20% | [Website](#)

SKILLS

- ❖ **Front-End:** HTML5, CSS3, JavaScript, React.js, Redux, Bootstrap, Tailwind CSS, Flowbite
- ❖ **Back-End:** Node.js, Express.js, MongoDB, MySQL, Mongoose, EJS, RESTful APIs, JWT
- ❖ **Tools & Technologies:** Git, GitHub, MVC Architecture, VS Code

EDUCATION

❖ B.Tech CSE Indira Institute of Technology and Sciences, AP	CGPA: 7.1 (Feb '21 - Jul '24)
❖ XII (BIE) Gowtham Junior College, Badvel, AP	94% 2020
❖ X (SSC) Sri Viswasanthi Vidyanikethan School, Badvel, AP	90% 2018

ACADEMIC PROJECT

Transparent, Secure, Blockchain-Based Agricultural Marketplace (Feb '24 - Apr '24)

Technologies: *Python, MySQL, Flask, Blockchain*

- Designed a blockchain-based marketplace to connect farmers and consumers, increasing transaction transparency by 45%.
- Managed user data with MySQL and Flask, ensuring 100% accuracy in transaction tracking.

HOBBIES

- ❖ **Researching:** Engaging in technical research and exploring emerging technologies.
- ❖ **Note-Making:** Documenting innovative thoughts for future exploration.
- ❖ **Gaming:** Strategizing and engaging in interactive gameplay.
- ❖ **Movies:** Enjoying diverse films, especially Sci-Fi and adventure genres.