

Gaurav Singh

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Education

B.Tech, Computer Science and Engineering, 8 CGPA
IET Bundelkhand University

Dec 2020 – Jul 2024 | Jhansi, India

Skills

Programming Languages: : Java, JavaScript

Database: MongoDB, MySQL

Frameworks and Libraries: React.js, Node.js, Express.js

Version Control Tools and IDE: Git, GitHub, Visual Studio Code , IntelliJ

Course Work: Object Oriented Programming, , Database and Management system, Operating System and Data Structure and Algorithms

Professional Experience

Software Intern | Indian Institute of Technology Kanpur

Aug 2023 – Sep 2023 | Kanpur, India

- ❖ Created comprehensive virtual lab simulation applications using HTML, CSS, JavaScript, Vectary and jQuery.
- ❖ Utilized programming skills to design and implement features that replicate real-world conditions and provide users with an interactive experience in the field of Advanced imaging in Transmission Electron Microscopy.

Project Intern | [CGWB-Ministry of Jalshakti](#)

- ❖ Developed US Salinity Diagram, showcasing proficiency in data visualization and analysis.
- ❖ Achieved microservices integration through REST API creation, ensuring smooth communication and interoperability

Projects

Cloth-Store | MERN Stack , [Git](#), [VS Code](#) [link](#)

- ❖ Utilized React Context API for state management, ensuring efficient data flow and component reusability.
- ❖ Implemented Tailwind CSS and Developed dynamic and interactive product pages, shopping cart, and user authentication components.
- ❖ Designed and built RESTful APIs using Express.js to handle user authentication, product management, and order processing.

`NetflixGPT` - a movie recommendation App | [JSX](#), [CSS3](#), [ReactJS](#), [Git](#), [VS Code](#) [link](#)

- ❖ Developed and implemented authentication systems, including Sign Up, Log In, and Sign Out functionalities, with comprehensive form handling and validation
- ❖ Leveraged useRef hook for DOM manipulation and performance optimization, utilized Redux Toolkit for state management, and integrated multi-language support

Blog App | [ExpressJs](#) , [NodeJs](#), [Html](#), [CSS3](#) , [Git](#), [VS Code](#) [link](#)

- ❖ Implemented Create, Read, Update, and Delete (CRUD) operations for blog posts.
- ❖ Enabled users to like, save, and comment on blog posts

Achievements

- ❖ **Smart India Hackathon Winner 2023.** [Link](#)
- ❖ **Smart India Hackathon Winner 2022.** [Link](#)
- ❖ Selected for an Open Source Project Hydrateq under **Central Ground Water Board** . [Link](#)
- ❖ Solved Over **500+ Coding Questions** on Different Coding Websites