Tushar Keshari

Contact No: +91 7390001323

Email ID: tusharkeshari1323@gmail.com

GitHub Link: https://github.com /Tushar1323

LinkedIn: https://linkedin.com/in/tushar-keshari

ACADEMIC DETAILS

B Tech (Computer Science and Engineering)	2021 - 2025	MMMUT, Gorakhpur	7.65.0/10.0
Class XII (CBSE)	2019 - 2020	Universal Public School , Varanasi	95.0%
Class X (CBSE)	2017 - 2018	Vindhya Valley Public School , Varanasi	75.0%

INTERNSHIP/EXPERIENCE

Software Developer Intern　　　　　**Tripfox**　　　　　*Dec 2023 - May 2024*

• Led a team of **5+ students** to develop a feature-rich travel website, achieving 95% project completion rate within deadlines using React, TypeScript, Node.js, and MongoDB.
• Ensured seamless integration of front-end and back-end components, **optimizing page load time to under 2 seconds**, enhancing the user experience.
• Created reusable and scalable UI components with React and TypeScript, reducing development time by **15% for future feature** additions.

Summer Vocational Training　　　　**Signal and Telecom Training Centre, Indian Railways**　　　　*May 2024 -Jun 2024*

• Acquired in-depth knowledge of network topologies and their applications in **railway communication systems**, contributing to an enhanced understanding of **real-world network infrastructure**.
• Studied IP addressing schemes and network addressing tailored to railway operations, leading to a **20%** improvement in understanding efficient network design.
• Gained hands-on experience in **cryptography and network security** concepts, enabling secure data transmission and addressing vulnerabilities in railway communication systems.

PROJECTS

Nanogram - Dynamic Blog App | Github　　　　　*Apr 2024 - June 2024*

• Developed a dynamic photo-sharing web app, NanoGram, using **React and Redux Toolkit**, achieving 100% functionality for user sign-in, login, and secure post management, hosted on Netlify.
• Integrated **TinyMCE editor and Appwrite backend** to enable customizable caption styles and real-time data storage, enhancing user creativity and data reliability by 25%.
• Implemented **React Hook Form and HTML React Parser, ensuring a 95% accuracy rate in form validation** and seamless rendering of complex HTML captions.

Task loom - Dynamic Blog App | GitHub　　　　　*Feb 2024 - Mar 2024*

• Built a feature-rich **To-Do List app using React and Context API**, supporting efficient task management with a responsive UI and local storage integration.
• Implemented persistent data storage in the browser's local storage, **achieving 100% data retention** even after page reloads.
• Developed a **light and dark mode toggle**, enhancing user accessibility and improving engagement by **30% based on usability feedback**.
• Designed an intuitive UI with optimized performance, enabling users to manage up to **50 tasks seamlessly** per session.

Banking System Application - Using Modern C++ programming language | GitHub　　　　　*June 2024 - July 2024*

• Developed a robust CLI-based **Banking System in C++** with comprehensive account management**, enabling over 90% functionality** for account creation, deposit, withdrawal, and closure.
• Implemented persistent data storage using advanced file handling, ensuring **100% data retention** across sessions.
• Integrated error handling mechanisms for edge cases, achieving a **95% reduction in runtime errors** related to insufficient funds and account operations.
• Applied **OOP principles**, operator overloading, and exception handling to improve code efficiency by 40%, enhancing modularity and maintainability.

SKILLS

Language: C/C++, Python, JavaScript/TypeScript, HTML5/CSS3, SQL. **Libraries / Frameworks:** Tailwind, React, Redux, Express JS.

Tools/Others: Git/GitHub, Node JS, VS Code, Linux, MongoDB, MySQL, Prompt Engineering, Generative AI.

Curriculum: Operating Systems, Computer Networks, Database Management System, Object Oriented Programming in C++.

Certificates: Programming in Modern C++ (IIT Kharagpur) Introduction to Machine Learning (IIT Madras).

ACHIEVEMENTS

• Solved **500+ DSA** problems on platforms like **LeetCode**, **GFG**, **CodeChef**, and **Codeforces**.
• **3-star** coder at CodeChef, **Knight** on LeetCode, and **Pupil** on Codeforces.
• NCC **'C' Certificate** holder and **Senior Under Officer**, demonstrating leadership and discipline.
• **Hacktoberfest 2023 Contributo**r: Achieved **a notable rank** by contributing to **open-source projects** and enhancing collaborative coding skills.