Tanya Kumari

+91 9608074585 | kumaritanya3082@gmail.com | linkedin.com/tanya | github.com/tanya | Google Cloud

EDUCATION

Dr B.R Ambedkar National Institute of Technology Jalandhar — Jalandhar, IN
Bachelor of Technology, CGPA: 8.32 — *December. 2020 – May 2024*

D.N College, Patna — Patna, IN
Physics,Chemistry,Maths , Percentage:81.2 — *May 2017 – May 2019*

EXPERIENCE

Front End Developer — May 2023 – July 2023
Bharat Intern

- Engineered a real-time video calling application using WebRTC and WebSocket technologies.
- Spearheaded the introduction of key features, including real-time chat, screen sharing and dynamic UIs, significantly elevating user experience and contributing to project success.
- Enhanced video streaming responsiveness by **30%**, implementing performance optimizations to ensure a seamless user experience, even in challenging network conditions.
- Collaborated across teams, actively participating in requirements gathering, testing, and code reviews, contributing to a culture of continuous improvement and maintaining high code quality standards.

PROJECTS

URL Shortener | *NodeJs,ExpressJs,EJS,Mongoose* — Aug. 2023 - Sept. 2023

- Spearheaded the end-to-end development of a dynamic URL shortener application using Node.js, Express, and MongoDB, facilitating seamless redirection and tracking of shortened links.
- Implemented robust authentication and authorization mechanisms with JSON Web Tokens (JWT), fortifying the application against potential security vulnerabilities and ensuring secure user access.
- Optimized MongoDB database operations using Mongoose, resulting in a **20%** improvement in data retrieval efficiency and enhancing the overall responsiveness of the application.
- Automated the development workflow by integrating Nodemon, significantly reducing debugging time and accelerating the testing phase, leading to a more efficient and productive development process.

Teacher-Schedule Dashboard | *ReactJs,Chakra UI, JavaScript,* — April 2023

- Designed and implemented a secure login page for teachers, enabling secure access and improving user authentication.
- Created a calendar view showing the teacher's schedule date-wise, implementing an organized and easy-to-navigate interface for enhanced accessibility and user experience. Achieved remarkable audio response times, reducing latency by 30 milliseconds, and improving user satisfaction by **30%** .
- Implemented data persistence for schedule retention, ensuring the schedule remains intact after page reloads, improving overall user experience.

FilmLand | *ReactJs, HTML, CSS, JavaScript, OMDB API* — March 2023

- Developed a user-friendly search interface, enabling users to input movie titles and retrieve relevant results. Increased user satisfaction by **25%**.
- Utilized ReactJS best practices, implementing a component-based architecture and efficient state management for maintainable and scalable code. .
- Integrated the OMDB API to dynamically fetch movie data, ensuring real-time and up-to-date information for each search query.

TECHNICAL SKILLS

Languages: C/C++, SQL (MySQL), JavaScript, HTML/CSS
Frameworks: React, Node.js, Express
Developer Tools: Git,Github, Google Cloud Platform, VS Code, Visual Studio
General:Data Structures, Algorithms,OOPs,DBMS,Operating System,Computer Networking