Khush Vijayvargiya

Jaipur, Rajasthan, India

linkedin.com/in/khush2002 | github.com/Khush2021   Khushvijay15@gmail.com | +91 7976029613

EDUCATION

Thapar Institute of Engineering and Technology   Patiala, Punjab, India
Bachelor of Engineering in Computer Engineering   *2021 – 2025*
Grade: 8.52

Sanskar School   Jaipur, Rajasthan, India
Grade XII PCM CBSE - All India Senior School Certificate Examination (AISSCE)   *2020*

SKILLS

Front-end	:	HTML, CSS, JavaScript, React.js, Redux, tailwind
Back-end	:	C++, JavaScript, Node.js, Express.js, socket.io, simple-peer
Databases	:	MongoDB, Oracle PL/SQL
Dev Tools	:	Visual Studio Code, Git and GitHub, Postman

EXPERIENCE

Web Developer   DEC 2023 – FEB 2024
URJA2024   *Patiala, Punjab*

- Collaborated in a team to develop a dynamic and responsive website for an event using the MERN Stack.
- Contributed in frontend development using React.js, designing pages and crafting reusable components.
- Implemented responsive design principles in React.js, ensuring seamless user experience.
- Collaborated with team to integrate frontend with backend, ensuring smooth data flow and website performance.

PROJECTS

Whatsapp Clone   Source Code

- Developed WhatsApp clone with **real-time** messaging via **Socket.IO** for seamless communication.
- Integrated **video calling** functionality using **simple-peer**, enhancing user engagement and interactivity.
- Implemented secure user access and data protection using **JWT access and refresh tokens**
- Designed and implemented **group chat** features, facilitating effortless creation and participation in discussions.
- Utilized **Redux** and **Redux Persist** for efficient state management, ensuring seamless data persistence.

iNotes   Source Code

- Developed a notes app allowing users to create, read, update, and delete notes using **MERN** stack.
- Implemented state management with **Context API**, ensuring efficient data handling and user interaction.
- Enhanced security with **JWT authentication**, safeguarding user accounts and data integrity.

Academic Projects

- **Hospital Database Mangement**: Crafted a streamlined DBMS enabling CRUD operations through PL/SQL queries, leveraging **triggers, cursors, and procedures** for seamless data management.
- **Customer Segmentation**: Implemented customer segmentation using **K-means clustering** algorithm for improved data analysis and decision-making.

HOBBIES

- Basketball, Chess