

Sujal

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Technical Skills

Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Backend Development, React developer

Languages: C / C++, Java, Python, JavaScript, HTML, CSS, PHP

Technologies/Frameworks: React, MongoDB, NodeJS, Express, Git, AOSP, Linux, AWS RDS, EC2

Projects

RoomNest – Online Rental Property Marketplace

ReactJS, Scss, PHP, MySQL, AWS, JWT, Zustand, Maps Api

AUG 2024 – OCT 2024

- Designed and developed a full-stack web application using ReactJS for the frontend, PHP for the backend, and MySQL.
- Implemented Google Maps API integration that reduced property search time by 40% and increased user engagement by 35%.
- Deployed on AWS EC2 with 99.8% uptime and scaled to handle 1,000+ daily active users with an average session duration of 8.5 minutes
- Created a user-friendly platform designed for finding rental properties, allowing users to list, view, and filter properties.

NotesSync - Note Sharing Application

ReactJS, TailwindCSS, NodeJS, ExpressJS, MongoDB, JWT

JUN 2024 – JUL 2024

- Implemented a full-fledged note-taking app allowing users to create, edit, and organize notes.
- Implemented note sharing and collaboration features, allowing multiple users to edit notes simultaneously.
- Added 7 organizational features including archiving (reducing clutter by 60%), priority pinning (used by 78% of users), and a precision range selector that improved content selection speed by 35%
- Enabled search functionality for users to find and share notes using email addresses, incorporating a smooth user experience.

TradeNest – Buy, Sell & Swap

ReactJS, TailwindCSS, NodeJS, ExpressJS, MongoDB, DaisyUI

FEB 2024 – APR 2024

- Created an online marketplace for college and university students to buy, sell, and exchange notes, notebooks, and accessories.
- Designed a responsive UI with 15+ custom components using TailwindCSS and DaisyUI, reducing page load time by 40% and achieving a 93% mobile usability score.
- Added functionalities for students to view other posts, view detailed information about listings, and manage their own posts.
- Built secure authentication system using jwt handling 150+ daily logins with zero security incidents

Achievements

- Custom rom maintainer:** Contribution to custom rom descendant os based on aosp and maintainer for the same for Redmi k40/mi 11x/poco f3 group. fixed bugs and issues
- One among dean's top 10% students** at university for good academic performance and extracurricular activities.
- Cse section of the year 2k24:** Participated in the CSE Section of the year 2024 event and won first prize.

Certificates

Full Stack Web Development using MERN

JUL 2024

CipherSchools

Prompt Engineering for ChatGPT

MAR 2024

Coursera

Analysis of Algorithms

MAR 2024

Coursera

Education

Lovely Professional University

Since 2022

Computer Science and Engineering — CGPA: 8.65

Phagwara, Punjab

Arya Model Sr. Sec. School

2021– 2022

12th with Science — Percentage: 94.40%

Phagwara, Punjab

Arya Model Sr. Sec. School

2019 – 2020

10th — Percentage: 95.50%

Phagwara, Punjab