Sujal

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Projects

Tekton – Cloud Deployment System

Express.js, Prisma ORM, PostgreSQL, ClickHouse (logs), ECS Fargate, Docker, Kafka   **MAR 2025 – APR 2025**
- Built Tekton CI/CD platform with React, Node.js and AWS, reducing deployment time by 70%
- Engineered real-time build system processing 500+ daily logs via Kafka and ClickHouse.
- Implemented secure multi-tenant architecture supporting 200+ concurrent projects with custom subdomains
- Designed React dashboard that reduced deployment failures by 40% through improved monitoring

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.
- 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**
- Built a full-fledged note-taking app allowing users to create, edit, and organize notes.
- Formulated 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.

Certificates

Ethical Hacking	**OCT 2024**
Nptel	
Full Stack Web Development using MERN	**JUL 2024**
CipherSchools	
Prompt Engineering for ChatGPT	**MAR 2024**
Coursera	

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

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.

Education

Lovely Professional University	**2022– 2026**
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*