

DINESH GANESAN

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Experience

Saptang Labs

Jan 2024 – Present

Software Developer, Intern

Chennai, India

- Led the development of the frontend for an internal tool integrating with Telegram, monitoring **4,500** groups and channels. Enhanced the user experience by reducing web app load time by **30%** and optimizing user flow
- Reengineered the micro frontend architecture inspired by **Chick-fil-A**, simplifying integration across multiple products and cutting build time by **25%**.
- Established a local **npm registry** using Nexus, deploying the suite web app with user-level management and **multi-factor authentication (MFA)**. This streamlined component usage across teams, allowing them to concentrate on core business logic and reducing overall development time by **45%**

Global Knowledge

Aug 2023 – Sep 2023

ML Intern

Coimbatore, India

- Designed and implemented an ML model for filtering **user locations** using **KNIME**, a no-code visual tool, during my in-house internship. The model's efficiency contributed to securing **top 3** ranking among college teams
- Deployed the ML model on a local server with an **optimized** web interface, improving **accessibility and performance** for end-users .

Projects

Uzhavan [↗](#)

- Built a **web application** connecting **farmers** directly with customers, eliminating **platform fees**. The app enables farmers to sell their products using a **cold storage logic**, reducing commission fees by 30% live [↗](#)
- Utilized a cold storage business model, similar to **dark stores**, allowing farmers to leverage **government-subsidized** cold storage facilities for reduced fees and faster delivery times
- **Technologies used** : React.js, Redux, NodeJs and PayPal integration for payment processing

Business Card Development Platform [↗](#)

- Contributed as a **frontend engineer** to a platform that simplifies the creation and management of **personalized business cards**, focusing on intuitive user flows for **seamless interactions**
- Introduced enhancements that improved overall user experience, including **faster load times** and a more **responsive interface**, resulting in higher user satisfaction
- **Technologies used** : Vite, React.js, Tailwind CSS, Tankstack Router

Technical Skills

Programming Languages	JavaScript, TypeScript, Python, HTML, CSS
Frameworks/Libraries	ReactJS ,Express.js , Flask ,Tailwind CSS , Redux, Tankstack Router,zustand
Developer Tools/Platforms	Github ,JIRA ,Postman ,Linux ,Docker
Domains	Web Applications, RESTful APIs ,Microservices

Achievements

- Secured a **Top 3** position in the **national-level hackathon** organized by **GNU** in Hyderabad, focusing on innovative solutions for the given theme.
- Awarded **1st place** in the **EWL** competition hosted by **Gyanmatrix**, recognizing excellence in front-end development.
- Achieved **2nd Runner-Up** position in the **Mini-Project Expo** at Sri Eshwar College of Engineering.

Education

Sri Eshwar College of Engineering, Coimbatore

Jun 2021 – Jun 2025

Bachelor of Technology in Artificial Intelligence and Data Science

CGPA - 7.30/10.00

Coursework : Data Structures & Algorithms ,Operating Systems (OS) ,Computer Networks (CN) ,Database Management Systems (DBMS) ,Machine Learning (ML) ,Web Development