

Dinesh A

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EDUCATION

- **Dayananda Sagar College of Engineering** **CGPA: 8.8**
Affl. VTU; B.E in Information Science & Engineering. **2020 - 2024**
- **Mysore Education Society** **91.8%**
Pre University Education **Mar 2020**
- **Bangalore Education Society** **96.32%**
SSLC **Apr 2018**

EXPERIENCE

- **Simple Energy** **Bengaluru**
SDE Intern **Jan 2024 - Present**
 - Developed a **Progressive Web App** for the sales team, generating 700+ enquiries and 50+ vehicle bookings generating **70+ lakhs** in revenue.
 - Created an NPM library using **rollup.js** for user authentication and authorization, now used by 6 products.
 - Implemented **refresh token** logic using **Redux-Saga** and **Apollo GraphQL** for reliable API calls.
 - Integrated **AWS Cognito API** and **60+ GraphQL** APIs from various microservices.
 - Implemented auto-save feature by implementing **debounce mechanism**.
 - Built a dashboard using **Echarts** to display user driving stats and integrated **PowerBI** reports.
- **Vyapardost** **Remote**
SDE Intern **Aug 2023 - Sept 2023**
 - Crafted reusable **NextJS** components utilizing the **ShadCN** library.
 - Managed complex states with **Redux-toolkit**.
 - Integrated front-end components with **REST** APIs.

SKILLS

- **Languages** : JavaScript, TypeScript, C, C++
- **Frameworks** : NextJS, Express, NodeJS
- **Libraries** : ReactJS, Redux-Saga, Sass, TailwindCSS, ShadCN
- **Databases** : MongoDB, PostgreSQL, MySQL
- **Others** : Git, Postman, Figma, Jira

PROJECTS

- **Flow (Full Stack)** A project management web app for seamless collaboration and accelerated productivity. Tech: **Express, NodeJS, ReactJS**. [Github](#)
- **CheckInSystem (Full Stack)** An attendance tracking and food distribution management web app using QR technology. Tech: **Express, NodeJS, ReactJS, React-QR reader**. [Github](#)
- **Hackman (Backend)** Developed REST APIs for admin authentication, participant registration, and data management for a hackathon. Enabled seamless participant registration for over **160 users**. Tech: **Express, JWT, NodeJS, MongoDB**. [Github](#)
- **IEDC (Frontend)** Built a responsive web app showcasing the achievements and value proposition of an incubation center. Tech: **ReactJS, TailwindCSS**. [Github](#)
- **Contest Crawler (Web Scraper)** Crafted a bot to scrape details about various competitions and hackathons. Tech: **Cheerio, Puppeteer, Node-cron**. [Github](#)

ACHIEVEMENTS

- **Smart India Hackathon 2024** Won 1st prize and 1 lakh for developing a real-time monitoring system for infrastructure.
- **Smart India Hackathon 2023** Won 1st prize and 1 lakh for enhancing the efficiency of the judiciary system.
- **Aventus Hackathon** Ranked in the top 8 out of 100+ teams for building a YouTube extension to manage distractions and provide a learning road map.

VOLUNTEER EXPERIENCE

- **Design Lead, Google Developers Student Club DSI** Jul 2022 - Jul 2023
Organized events and designed promotional materials.
- **Technical Lead, Genesis DSCE** May 2023 - Dec 2023
Organized events and delivered technical sessions.
- **Creative Lead, IEDC DSCE** Nov 2022 - Dec 2023
Conducted design workshops and created promotional content.