

Dayanand

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Portfolio: <https://portfolio-website-nedy.vercel.app> Github: <https://github.com/DayanandR>

EXPERIENCE

Progton Software Pvt Ltd [Frontend Developer]

January 2024 – Present

i. Smartledger AI:

1. **Engineered** an **AI-powered ledger system** with an intuitive **interface**, enabling **real-time transaction** updates and improved usability.
2. **Designed and assembled** advanced forms with Formik and Yup, achieving precise validation and effortless data input.
3. Structured application state with **Redux Saga and Redux Toolkit**, improving **performance** and **API efficiency**.
4. Standardized UI components using Material UI, guaranteeing responsiveness and accessibility.

ii. Progton website:

1. Led the complete redesign of the company's website with **React.js**, improving **speed**, **SEO**, and visitor retention.
2. Engineered a **responsive layout** that adapts smoothly across multiple devices and screen sizes.
3. **Integrated and configured** Google reCAPTCHA for bot prevention and Calendly API for hassle-free scheduling.
4. Enhanced performance through lazy loading, code splitting, and optimized asset management.

PROJECTS

i. AI Trip Planner:

1. Created a smart itinerary planner using React, Gemini AI, Firebase, and Tailwind CSS, automating trip recommendations.
2. Leveraged Gemini AI for tailored suggestions based on user preferences.
3. **Managed and maintained** authentication and real-time data storage with Firebase, ensuring seamless user access.
4. Built a visually refined interface with **Tailwind CSS**, enhancing **navigation** and engagement.

ii. Loan Calculator:

1. **Designed and implemented** a loan calculator using **React**, **Vite** and **Material UI (MUI)**, delivering a responsive and user-friendly interface.
2. **Incorporated** a real-time currency exchange API to calculate EMI in multiple currencies dynamically.
3. Established robust input validation and data handling to ensure accurate financial projections.
4. **Delivered** an interactive amortization schedule using MUI form components, featuring real-time updates and data visualization.

iii. WhatsApp Clone:

1. **Architected** a real-time chat application inspired by WhatsApp using React, Vite, Material UI, and Socket.io.
2. **Crafted** the frontend with a clean and responsive layout, mimicking WhatsApp's UI.
3. **Integrated WebSocket** communication using Socket.io for live message exchange.

CORE COMPETENCIES

- Languages: C, Java, Python, SQL
- Front-End: HTML, CSS, JavaScript, TypeScript, React, Material UI, Redux
- Version control: Git, GitHub
- Operating System: Windows, Ubuntu

SOFT SKILLS

- **Collaborative Approach:** Works seamlessly with designers, developers, and stakeholders.
- **Flexibility:** Quickly adapts to new tools, frameworks, and project requirements.
- **Clear Communication:** Explains technical details effectively across different teams.
- **Task Prioritization:** Manages workload efficiently to meet project deadlines.

EDUCATION

- B.E - Computer Science and Engineering B.M.S College of Engineering • Bangalore • 2023 • 6.8cgpa
- Class XII - Shree Guru Ind P.U College of Science • Gulbarga • 2019 • 86%
- Class X - Matruchaya High School • Sedam, Gulbarga • 2017 • 90.08%