Dayanand

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EXPERIENCE

Progton Software Pvt Ltd [Software Developer]   **January 2024 – Present**

i. Smartledger AI:
1. Developed an **AI-powered ledger system** with an intuitive **interface**, enabling **real-time transaction** updates and improved usability.
2. **Designed and built** 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 developed 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. **Enabled** users to view detailed amortization schedules with dynamic MUI form components and real-time updates. **previews**.

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

SOFT SKILLS
- **Critical Thinking:** Breaks down challenges to develop efficient and scalable solutions.
- **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%