Sagar Patel

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With strong expertise in Front-end development, I am a Front-end developer with around 3+ years of hands-on experience in designing, implementing, and developing software solutions. Known for robust problem-solving abilities and an analytical mindset, I deliver high-quality, optimally-functioning code and have a proven record of contributing to the creation of scalable applications.

PROFESSIONAL EXPERIENCE

Houston System Pvt. Ltd.   Noida
Front-end Developer   April 2022 - Present

- Developed and maintained web applications using React.js, creating dynamic and responsive user interfaces.
- Successfully developed a **Parking Guidance System** in React js.I integrated the api for the slots positions for the red and green vehicle.
- Successfully developed the web based application**(Skymark)** in react js where admin can view their data and tenant can see their data and in this project. I managed the entire api integration.
- I developed the **ANPR** software captures and processes license plate data in real time using AI-powered OCR. Built with React js, it ensures accurate recognition and seamless API integration to show the captured data.
- I developed the **E-Ticketing-Solutions** software in react js for the Indian premier league for the franchise of the Punjab Kings. I integrated entire api including the report and admin dashboard.
- I developed the website for my company in react js.

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, TypeScript, Python
- **Frameworks:** Bootstrap,Tailwind css,Material ui, React Js, Redux, GraphQL, Jest, Rest Api Intigration
- **Databases:** SQL, MongoDB
- **VersionControl:** Git, SVN

- **Tools:** CKEditor, OCR, Form.IO, RxJS, Postman
- **Soft Skills:** Effective Communication, Time Management, Team Collaboration, Analytical Thinking, Problem-Solving
- **Others:** Data Structure and Algorithms, AWS Fundamentals (AWS S3), Azure

KEY PROJECTS

- **E-Ticketing Solutions** (*React,* REST API Integration)
- Designed and implemented an advanced e-ticketing solution for IPL 2025 using React.js. The system focuses on box ticket booking, enabling users to secure premium seats effortlessly. Integrated QR code generation and real-time validation at turnstiles to provide a seamless and secure entry experience. Ensured robust authentication and data security to handle high user traffic efficiently. Optimized API performance for real-time operations.
- **Urban Park Pro** (*React,* REST APIs Integration)
- Developed **Urban Park Pro**, a smart parking guidance system using **React.js** for a dynamic front-end interface. Designed features to display parking slot availability in real-time, with green indicating available slots and red for occupied ones. Integrated RESTful APIs for efficient data communication and real-time updates. Ensured scalability.
- **Automatic Number Plate Recognition** (*React,* REST APIs Integration)
- Designed and implemented an Automatic Plate Number Recognition System by using React JS for an interactive front-end which is Focused on real-time plate recognition, data processing and System scalability while ensuring a responsive and user-friendly interfaces across devices. Integrated robust error handling and performance enhancements for seamless operation under high traffic.
- **Skymark (React,** REST APIs Integration) **https://skymarkone.in**
- Successfully developed the web based application**(Skymark)** in react js where admin can view their data and tenant can see their data and in this project. I managed the entire api integration.
- **My Company Website (React,** REST APIs Integration)**https://www.houstonsystem.com**
- I developed the website for my company in react js.

EDUCATION

- **Visvesvaraya Technological University**   Karnataka
  Bachelor of Engineering – Computer Science and Engineering   July 2016 -Sept 2020

CERTIFICATIONS

- Data Structure and Algorithms Specialization - UCSan Diego (Coursera)
- Javascripts Fundamental (Coursera)
- Google UX Design Professional Certificate – Google
- React - The Complete Guide - (Udemy)