Sahil Ahmed

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EXPERIENCE

Software Engineer   Aug 2022 – Present
FuelBuddy   *Gurugram, India*

- Developed multiple mission-critical, scalable, high-performance and responsive PWA and cross-platform apps leveraging **React, Vue, React Native, Redux, and GraphQL** for the customer, delivery and operations teams within an **Agile** framework. This optimised workflow and resulted in a **27% boost in delivery efficiency**.
- Built pixel-perfect, animated and responsive views, implementing user onboarding while adhering to established **UI/UX design principles**. These improvements led to a **25% increase** in **user retention** rates.
- Integrated **Google Maps** for intuitive location tracking in driver delivery app with real-time route optimization and order visualization, **reducing average delivery times by 50 minutes** per order.
- Engineered complete order flow system with **Easebuzz payment integration**, real-time notifications via **Firebase**, and offline data persistence, resulting in **28% higher order completion** rates.
- Developed an advanced fleet and asset management system with **RFID-based vehicle identification** and **e-lock control** mechanisms in remote collaboration with the IoT and operations teams **reducing manual errors** by **24%**.
- Spearheaded the front-end development of an **automated fuel dispensing system** while working on-site in **Dubai**, creating a polymorphic codebase for multiple dispenser models using **WebSockets**, resulting in **reducing fuel pilferage by 5,900 litres monthly**.
- Implemented **multi-language support** and wrote well-documented, clean code with automated testing suites, increasing driver onboarding success rates and **expanding the user base by 30%**.

PROJECTS

SnipChat ↗ | *Quasar, Vue.js, Firebase, Mapbox GL JS, WorkBox, Vite*

- Developed a responsive Progressive Web App (PWA) with offline functionality using Backend-as-a-Service (BaaS) for seamless chat experience including snaps, images and location sharing.
- Implemented service workers and integrated an innovative map-based friend discovery feature enabling users to connect with nearby people through notifications.

SwissArmyKnife NewTab ↗ | *Javascript, HTML/CSS*

- Engineered a Chrome extension replacing new tab page with a productivity dashboard featuring real-time cryptocurrency prices, weather updates, and focus tools.
- Built comprehensive productivity features including site blocker, Pomodoro timer, and To-Do list, while integrating multiple RESTful APIs (CoinGecko, OpenWeatherMap) for dynamic content delivery.

Portfolio Website ↗ | *Next.js, Three.js, Framer Motion, TailwindCSS*

- Designed and developed a modern portfolio website featuring 3D animations, smooth transitions, interactive elements showcasing projects, blog and skills.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, Python, SQL (Postgres), NoSQL, GraphQL
Frameworks & Libraries: React Native, React, Next.js, Redux, Zustand, React Three Fiber (R3F), Framer Motion, Vue.js, TailwindCSS, Material UI, Quasar, Electron, Node.js, MongoDB, Express, Firebase, Jest, Playwright
Tools & Technologies: Git, Docker, Vite, webpack, Google Cloud Platform, VS Code, ESLint, npm, Figma
Other Skills: Prompt Engineering, Technical Documentation, Performance Optimization, SEO, HLD, LLD

AWARDS

Performer of the Month   September, 2023
Awarded for delivering critical business features within tight deadlines

EDUCATION

Jamia Hamdard University   Delhi, India
Bachelor of Technology in Computer Science Engineering   *Aug. 2019 – April 2023*