

Twinkal Patel

Front-End / UI Engineer
Bangalore, India

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Results-oriented **Front-End Engineer** with **2.8+ years of experience**, a strong foundation in **Computer Science**, and a proven record of building modern, **enterprise-grade web applications**. Proficient in **React.js, Node.js, and TypeScript**, with extensive experience in **UI state management** and optimizing application performance. Skilled in developing scalable **Business Intelligence dashboards** and integrating **RESTful web services**. Adept at solving complex engineering problems through robust **frontend architecture and scalable backend integrations**. Passionate about delivering intuitive, adaptive user interfaces and crafting seamless web experiences.

Technical Skills

- **Languages & Core:** JavaScript (ES6+), TypeScript, HTML5, CSS3.
- **Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, NestJS, Redux Toolkit, React Query, Tailwind CSS.
- **UI & State Management:** TanStack UI (Table/Query), Context API, Asynchronous Programming, Responsive Design.
- **Tools & DevOps:** Git (Version Control), RESTful APIs, Figma, Postman, CI/CD Workflows.
- **Databases:** MongoDB, JSON Data Handling.

Professional Experience

Reloop Project

Remote
Sep 2025 – Present

Front End Engineer (*Open Source*)

- Actively contributing to the open-source project **Reloop** (email infrastructure platform) by developing scalable UI components and optimizing frontend performance using **React** and **TypeScript**.
- Built a domain management system using **Next.js**, **ElysiaJS**, and **TypeScript**. Implemented DNS verification APIs, automated background workflows with **Inngest**, and developed a responsive dashboard UI for domain onboarding.
- Worked in a **Turborepo** monorepo environment with **PostgreSQL**, **Drizzle ORM**, and modern TypeScript tooling.
- Collaborating with a team to enhance code quality, implementing new features, and resolving critical bugs to ensure project stability.

- Credain** Remote
Front End Engineer Aug 2023 – Aug 2025
- Architected and developed the company's flagship **enterprise-grade website** using **Next.js**, significantly enhancing brand visibility and product showcasing.
 - Engineered a high-performance **Business Intelligence (BI) Dashboard** capable of handling large-scale complex data sets using **TanStack Table** and **React Query**, enabling real-time filtering, pagination, and data visualization.
 - Designed a comprehensive library of reusable UI components using **TypeScript** and **Tailwind CSS**, which accelerated the engineering team's development velocity by **40%**.
 - Orchestrated complex **UI state management** and managed end-to-end integration of **RESTful APIs** with backend services; implemented caching strategies to optimize data fetching.
 - Collaborated closely with backend engineers to improve API response times by **25%** through frontend optimizations, efficient query structuring, and asynchronous programming techniques.
 - Implemented **WebSocket**-based real-time updates for transaction statuses and user activity feeds, ensuring an adaptive and responsive user experience.

- GiantLeap Gaming** Remote
Front End Engineer Aug 2022 – Jun 2023
- Played a pivotal role in the core engineering team building a scalable gaming platform on the blockchain using the MUD framework.
 - Developed and optimized complex frontend logic for an innovative strategy game, focusing on **scalability**, high performance, and seamless user interaction using the **Phaser (JavaScript)** Gaming framework.
 - Solved complex engineering challenges related to real-time state synchronization and performance rendering in a browser-based environment.
 - Maintained strict version control using **Git** and collaborated in a fast-paced, global remote environment to deliver features on tight deadlines.

Previous Experience (Business Development)

- Samcom Technobrains** Ahmedabad
Business Development Executive Apr 2021 – Dec 2021
- Surpassed sales targets and collaborated with senior leadership to identify and mitigate potential project risks.
- ManekTech** Ahmedabad
Business Development Executive Apr 2020 – Mar 2021
- Collaborated with designers on **wireframes** and mock-ups; expanded network through industry events.
- Solution Analysts** Ahmedabad
Business Development Executive Jul 2018 – Mar 2020
- Collaborated closely with development teams to track project progress and ensure accurate client reporting.

Education

- Sal College of Engineering** Ahmedabad, Gujarat
Bachelor of Engineering in Computer Engineering, CGPA: 9.04/10.0 2014 – 2018
- Muktajivan School** Ahmedabad, Gujarat
Higher Secondary Certificate (12th Grade), Percentage: 78% 2012 – 2014
Stream: Science
- Jivina Shikshan School** Ahmedabad, Gujarat
Secondary School Certificate (10th Grade), Percentage: 87% 2010 – 2012

Interests

Hobbies: Drawing and sketching, Watching Movies, Cooking, Traveling and exploring new places