

# Twinkal Patel

Front-End / UI Engineer

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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

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- **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

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### Reloop Project

**Remote**

*Front End Engineer (Open Source)*

*Sep 2025 – Present*

- 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

Front End Engineer

Remote

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

Front End Engineer

Remote

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 Technobrain

Business Development Executive

Ahmedabad

Apr 2021 – Dec 2021

- Surpassed sales targets and collaborated with senior leadership to identify and mitigate potential project risks.

### ManekTech

Business Development Executive

Ahmedabad

Apr 2020 – Mar 2021

- Collaborated with designers on **wireframes** and mock-ups; expanded network through industry events.

### Solution Analysts

Business Development Executive

Ahmedabad

Jul 2018 – Mar 2020

- Collaborated closely with development teams to track project progress and ensure accurate client reporting.

## Education

### Sal College of Engineering

Bachelor of Engineering in Computer Engineering, CGPA: 9.04/10.0

Ahmedabad, Gujarat

2014 – 2018

### Muktajivan School

Higher Secondary Certificate (12th Grade), Percentage: 78%

Stream: Science

Ahmedabad, Gujarat

2012 – 2014

### Jivina Shikshan School

Secondary School Certificate (10th Grade), Percentage: 87%

Ahmedabad, Gujarat

2010 – 2012

## Interests

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