

Jeel Rupareliya

Intern Backend Engineer

SUMMARY

Software engineer with extensive experience in scalable backend development using NestJS, Kafka, and BullMQ, coupled with frontend expertise in Next.js and React. Skilled in designing optimized RESTful APIs, complex data querying with MySQL, MongoDB, and ClickHouse, and implementing microservices architectures. Proficient in TypeScript, JavaScript, and advanced DevOps tools including Docker, AWS EC2, and Jenkins CI/CD. Demonstrated ability to build high-performance platforms with real-time data processing, pagination, and responsive UI, supported by strong open-source contributions and problem-solving proficiency evidenced by 250+ DSA problems solved.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (2 yr.), TypeScript (2 yr.), NestJS (1 yr.), Ext JS (1 yr.), React (1 yr.)
Programming Languages	Java, JavaScript (2 yr.), TypeScript (2 yr.)
JavaScript Frameworks	Express (1 yr.), Ext JS (1 yr.), Lodash, NestJS (1 yr.), Next.js, React (1 yr.)
JavaScript Libraries and Tools	Multer, Redux-Saga, Zod
Databases & Management Systems / ORM	Clickhouse (1 yr.), PostgreSQL (1 yr.), Prisma (1 yr.), Redis (1 yr.), SQL, Supabase (1 yr.), Typeorm (1 yr.)
UI Frameworks, Libraries, and Browsers	Bootstrap 4, Chart.js, HTML/CSS Preprocessors (2 yr.), Material UI (1 yr.), ShadCN, Socket.io, Tailwind CSS (1 yr.)
Cloud Platforms, Services & Computing	Clouinary
Amazon Web Services	AWS EC2
Message/Queue/Task Brokers	BullMQ (1 yr.), RabbitMQ
Virtualization, Containers and Orchestration	Docker
SDK / API and Integrations	GraphQL (1 yr.)
Deployment, CI/CD & Administration	Jenkins
Operating Systems	Linux

Logging and Monitoring	Prometheus (1 yr.)
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	Font Awesome

WORK EXPERIENCE

Developer, ELearning

Duration: March 2024

Responsibilities: Developed an Education learning platform with React and JavaScript, leveraging Bootstrap and Material UI to deliver engaging course content, certification tests, and interactive learning tools, enhancing accessibility for students and educators. Also added course Certifications. Integrated a robust admin panel to manage users, courses, and certifications, implementing secure authentication to protect data privacy and ensure a seamless, engaging user experience across the platform.

Technologies: React, JavaScript, Bootstrap, Material UI

Developer, ConnectSphere

Duration: Dec 2024

Responsibilities: Developed a full-stack, privacy-first real-time chat application with secure group chats, personal DMs, rich media sharing, and instant notifications - providing a seamless, modern messaging experience. Implemented WebSocket-based real-time communication for instant delivery of messages, attachments, and alerts across multiple devices. Designed a sleek and responsive UI using React.js and Tailwind CSS, ensuring fast and intuitive navigation for both personal and group conversations.

Technologies: Node.js, Express, MongoDB, React.js, Tailwind CSS, WebSocket

Developer, SkyPulse

Duration: 2025

Responsibilities: Developed sleek weather app with Next.js, Tailwind CSS, next/font, and external API integrations delivering real-time forecasts and AI-driven travel insights for travelers and planners. Optimized performance through modern Next.js architecture and Vercel deployment, ensuring fast load times and precise weather data delivery.

Technologies: Next.js, Tailwind CSS, next/font, external APIs, Vercel

Contributor, TaskFlow (OpenSource Contribution)

Duration: 2025

Responsibilities: Created open-source Trello rival with TypeScript, shadcn/ui, Supabase, PostgreSQL, and NextAuth featuring drag-and-drop task management and real-time collaboration for indie hackers. Delivered customizable, scalable project management platform hosted on Vercel with secure authentication and seamless team productivity tools.

Technologies: TypeScript, shadcn/ui, Supabase, PostgreSQL, NextAuth, Vercel

Developer, NOC

Duration: 2025

Responsibilities: Built a robust full-stack NOC solution with scalable Node.js and Express backend, MongoDB integration, and Vercel-hosted frontend for secure, real-time network monitoring and operations management. Designed modular architecture enabling seamless network performance tracking, alerting, and management for enterprise-grade network



operations centers.

Technologies: Node.js, Express, MongoDB, Vercel

Developer, RepoInsight | GitHub

Duration: August 2025

Responsibilities: Developed a GitHub repository analyzer using Typescript with NextJs, integrating the GitHub API to fetch and process repository data, generating detailed insights on commits, contributors, and project trends for developers to track team productivity and project health. Processed data for repositories via GitHub API, and Oktokit Library and visualized contribution insights with Chart.js, boosting productivity tracking for dev teams.

Technologies: TypeScript, NextJs, GitHub API, Oktokit Library, Chart.js

Frontend Engineer Intern (Contract-Based), GOAT Developers

Duration: Oct 2025 – Nov 2025

Responsibilities: Developing a stock market investment platform with Next.js, focused on performance optimization and Integrated Supabase as a database. Implemented API-level pagination, complex search, and filtering features for large datasets. Built pixel-perfect, responsive interfaces using Tailwind CSS, fixed UI bugs, and improved frontend performance through reusable components.

Technologies: Next.js, Supabase, Tailwind CSS

Developer, OpenRank

Duration: Live 2026

Responsibilities: Built an open-source discovery platform using NestJS and PostgreSQL that helps developers find high-impact open-source projects tailored to their skills with zero login friction. Designed and implemented scalable backend APIs for project discovery, newly added repositories, trending projects, and global developer rankings based on open-source contributions. Integrated GitHub data ingestion pipelines to analyze repositories, contributors, and company-wise developer profiles worldwide, enabling skill-based recommendations and rankings. Architected modular services with TypeORM/Prisma, pagination, filtering, and search, ensuring high performance and extensibility for upcoming features in the roadmap.

Technologies: NestJS, PostgreSQL, TypeORM, Prisma, GitHub API

Backend Intern, Saleshandy

Duration: Dec 2025 – Present

Responsibilities: Working with scalable microservices-based backend systems using NestJS, handling async workflows with BullMQ + Redis, event-driven processing with Kafka. Working with MySQL for data modeling, query optimization, debugging; monitoring staging-production issues using logs, metrics, Grafana dashboards - via Alerts. Production experience with MongoDB, ClickHouse analytics, GraphQL APIs, ensuring high availability and performance at scale.

Technologies: NestJS, BullMQ, Redis, Kafka, MySQL, MongoDB, ClickHouse, GraphQL, Grafana

Backend Engineer Intern, Foecht

Duration: Aug 2024 – Feb 2025

Responsibilities: Developed and maintained backend services for a dynamic e-commerce platform, ensuring smooth order processing and secure user transactions. Designed optimized RESTful APIs and database schemas to improve server performance and reduce API response time by 25%. Implemented data validation, error handling, and caching



strategies to enhance reliability, scalability, and backend efficiency.

Technologies: Node.js, RESTful APIs, Database schema design, Caching

EDUCATION

- **Bachelor of Engineering in IT**

Gujarat Technological University, Ahmedabad, Gujarat

Sep. 2022 – May 2026

CERTIFICATION

- **Complete JS Programming From Novice to Expert**

Udemy

Issued 24.09.2025

- **Problem Solving HackerRank**

Issued 16.10.2024

