

# 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

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

<b>Logging and Monitoring</b>	Prometheus (1 yr.)
<b>Mail / Network Protocols / Data transfer</b>	WebSockets
<b>Other Technical Skills</b>	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

