

NEERAJ PRAJAPATI

FULL STACK DEVELOPER

CONTACT

+91 756 480 2745

neerajprajapatisde@gmail.com

Uttam Nagar, New Delhi

www.neerajprajapati.in

github.com/neerajsde

linkedin.com/in/neerajprajapatise

SKILLS

- JavaScript (ES6+), TypeScript
- Python, C++
- React.js, Next.js
- Node.js, Express.js (REST APIs)
- MongoDB, PostgreSQL
- Redis (Caching, Rate Limiting)
- Prisma ORM
- Authentication - JWT/OAuth
- Kafka, RabbitMQ, BullMQ, SQS
- AWS (S3, EC2, Basic Cloud Services)
- CI/CD (GitHub Actions)
- Docker, Nginx, Linux
- Event-Driven Architecture
- System Design
- API Security, Validation
- Logging & Monitoring

LANGUAGES

- English (Fluent)
- Hindi (Fluent)



PROFILE

Backend-Focused Full Stack Developer with over two years of expertise in Node.js, TypeScript, and microservices architecture. Proficient in developing scalable APIs, event-driven systems, and high-performance applications utilizing Redis, Kafka, PostgreSQL, and AWS. Demonstrated experience in optimizing systems for high-traffic environments and implementing secure, production-grade backend solutions.



WORK EXPERIENCE

Starx AI Technology

JULY 2025 - PRESENT

Full Stack Developer

- Designed and developed scalable backend systems using Node.js and Express.js, focusing on clean architecture and maintainable code.
- Backend development of the Trinity Network App, building secure and scalable RESTful APIs.
- Implemented event-driven architecture using BullMQ and AWS SQS for asynchronous processing and background job handling.
- Integrated Redis caching and optimized database queries to improve application performance and response times.
- Collaborated with frontend teams to define API contracts and ensure seamless integration across services.
- Contributed to CI/CD workflows and deployment processes using GitHub Actions and Docker.

STANDUP STARTUP PVT. LTD.

MAY 2024 - 2025

Full Stack Developer

- Delivered 4-5 full-stack applications using React.js and Node.js, owning end-to-end development.
- Improved deployment efficiency by 30% by optimizing CI/CD pipelines and automating workflows.



EDUCATION

Bachelor of Computer Applications

2020 - 2023

Maharshi Dayanand University



KEY HIGHLIGHTS

- Designed systems handling high-scale traffic (1M+ requests/day)
- Strong experience in event-driven and distributed systems
- Hands-on with real-world backend performance optimization
- Production experience with queues, caching, and microservices



PROJECTS

Enterprise-Grade Social Media Backend

Tech Stack: Node.js, TypeScript, Express.js, PostgreSQL, Prisma, Redis, BullMQ, Socket.io, JWT/OAuth, AWS S3/CloudFront, Docker, FFmpeg, Zod, Swagger

- Live API Docs: backend.neerajprajapati.in/docs
- GitHub Repo: github.com/neerajsde/social-media-backend
- A highly scalable, enterprise-grade backend infrastructure for a modern social networking platform, designed to securely handle real-time user communications, complex relational data, and automated heavy-media processing.
- Implemented asynchronous video processing pipeline using **BullMQ** job queues with FFmpeg for **HLS** transcoding, **AWS** S3/CloudFront integration for content delivery, and background workers for automated cleanup, handling media processing outside the request lifecycle.
- Applied security best practices, including **Zod** schema validation, DOMPurify **XSS** prevention, Helmet.js, bcrypt **hashing**, device-aware sessions with refresh **token** rotation, and intelligent **rate limiting**, while implementing a **PostgreSQL** schema with Prisma migrations supporting role-based access control.

Trinity Network - AI-Based Cryptocurrency Mining Platform

Tech Stack: Node.js, Express.js, Next.js, MongoDB, Redis, BullMQ, AWS SQS/S3, JWT, Corn Jobs

- Live: play.google.com/store/apps/details?id=com.starxai.trinitynetwork
- Role: **Backend Development** and API Integrations
- Developed a full-stack mining application using Node.js (backend) and Next.js (admin dashboard), building scalable APIs with JWT authentication, Redis caching, and BullMQ/AWS SQS for asynchronous job processing to handle high-load client requests efficiently.

SafeSubmit - Secure Submission Platform

Tech Stack: Node.js, Express.js, Next.js, Tailwind CSS, MongoDB, Redis, BullMQ, AWS SQS/S3, JWT

- Live: submit.neerajprajapati.in
- Role: Full Stack Application
- Built a scalable backend-as-a-service (BaaS) platform using Node.js and Express.js to handle form submissions without custom APIs.
- Implemented secure JWT authentication and API key management for controlled access and integrations.
- Developed an admin dashboard with Next.js for real-time lead tracking and management.
- Optimized performance using Redis caching and BullMQ for background job processing and cron-based tasks.
- Designed efficient data storage with MongoDB and integrated AWS SQS/S3 for reliable messaging and file handling.

Lion's Den Mixed Martial Arts Academy - Admin & Booking System

Tech Stack: React.js, Node.js, Express.js, Next.js, Tailwind CSS, MongoDB, Redis, BullMQ, AWS SQS/S3, JWT

- Live: www.lionsdenfightclub.com
- Role: Full Stack Web Application
- Built a full-stack management and booking platform with admin dashboard, enabling efficient handling of branches, services, and scheduling through scalable APIs and seamless web integration.
- Designed an admin dashboard for real-time booking management, schedule control, and operational insights.
- Implemented secure authentication and structured data handling to ensure reliable and consistent system performance.
- Integrated seamless frontend-backend communication for a smooth user experience across web platforms.