

ROHIT KUMAR

BACKEND ENGINEER | NODE.JS

+919988054892 rohitkumar.officework@gmail.com Ludhiana, Punjab, India

www.linkedin.com/in/er-rohit-kumar28 <https://rohit-kumar-portfolio-delta.vercel.app>

PROFESSIONAL SUMMARY

Backend Engineer with 4+ years of experience building and optimizing production-ready backend applications and REST APIs using Node.js and Express.js. Experienced in backend development from scratch, database design, query optimization, Redis caching, API performance optimization, third-party integrations, testing, and deployment workflows. Hands-on experience with MongoDB, MySQL with Sequelize, PostgreSQL with Prisma, AWS, and Jenkins, along with integrations including Stripe, Shopify, OpenAI, D-ID, and Google APIs across e-commerce, recruitment, consumer engagement, and AI-powered applications.

TECHNICAL SKILLS

Backend Development: Node.js, Express.js, JavaScript, REST API Design & Development, Backend Architecture

Databases: MongoDB, MySQL with Sequelize, PostgreSQL with Prisma, Firebase, Database Design

Caching & Performance: Redis, API Response Optimization, Database Query Optimization, Performance Troubleshooting

Third-Party Integrations: Stripe Payments, Shopify APIs, OpenAI APIs, D-ID Visual AI APIs, Google APIs, Branch.io

Cloud & DevOps: AWS EC2, AWS S3, Jenkins CI/CD, Git, GitHub, Bitbucket

Testing & Quality: REST API Testing, UI Testing, API Debugging, Code Reviews

AI-Assisted Development: Google Antigravity, Claude Code, Codex

Additional: HTML, CSS, Angular, jQuery, Bootstrap

BACKEND DEVELOPMENT & UPSKILLING

March 2026 – Present

- Continued hands-on backend development using Node.js, Express.js, MongoDB, Redis, and REST APIs through technical and personal projects.
- Strengthened backend development skills by exploring modern technologies, development practices, and emerging tools.
- Attended Scaler Masterclasses and technical sessions to expand knowledge of backend development & current technologies.
- Adopted AI-assisted development practices using Google Antigravity, Claude Code, and Codex for code exploration, debugging, problem-solving, and development productivity.
- Applied AI-assisted development workflows to improve code quality, development efficiency, and technical problem-solving.

PROFESSIONAL EXPERIENCE

Webgarh Solutions - Sahibzada Ajit Singh Nagar, Punjab, India

Backend Performance Engineer | July 2025 - March 2026

- Developed and maintained scalable backend services and REST APIs using Node.js and Express.js.
- Optimized MongoDB queries, data handling, and backend workflows to improve application performance.
- Identified API and database bottlenecks and implemented targeted solutions to reduce response times.
- Implemented Redis caching for frequently accessed data and performance-critical backend operations.
- Integrated OpenAI, D-ID Visual AI, and Shopify APIs to support AI-powered features and third-party application workflows.
- Performed API testing, debugging, and issue resolution in collaboration with frontend development teams.
- Participated in code reviews and followed clean, maintainable, and scalable backend development practices.

Tekki Web Solutions - Ludhiana, Punjab, India

Senior Node.js Developer | September 2021 - February 2025

- Built and maintained Node.js and Express.js REST APIs for e-commerce, recruitment, consumer engagement, and AI-powered applications.
- Designed database schemas and backend workflows using MongoDB, MySQL with Sequelize, and PostgreSQL with Prisma.
- Developed business logic, validation, error handling, and third-party API integrations across multiple backend applications.

- Integrated Stripe, Google APIs, and Branch.io, while supporting application deployments using AWS EC2, S3, & Jenkins CI/CD.
- Optimized database queries, API workflows, and Redis caching to improve performance across critical backend operations.
- Collaborated with frontend teams to troubleshoot issues, conduct code reviews, and maintain reliable backend functionality.
- Guided junior developers on backend development practices, code quality, and maintainable implementation.
- Received the Individual Performer of the Team Award for contributions to project delivery and code quality.

CERTIFICATIONS & ACHIEVEMENTS

- **Web Designing (HTML, CSS, JavaScript, jQuery, Bootstrap)** - Aptech / World With Web
- **MEAN Stack Developer (Angular, Node.js, Express.js, MongoDB)** - Aptech / World With Web
- **Node.js Developer** - Udemy
- **Individual Performer of the Team Award** - Tekki Web Solutions Pvt. Ltd.

SELECTED PROJECTS

Sellor AI - Sales Avatar

- **AI-Powered Sales Assistant:** Developed an intelligent virtual sales assistant for Shopify stores, automating product recommendations and handling customer queries in real time.
- **Shopify Integration:** Built scalable APIs to seamlessly integrate with the Shopify ecosystem, ensuring smooth data flow, improved user engagement, and higher conversion rates.

Hiwil - Here Is What I Like

- **Personalized User Experience:** Engineered a platform enabling users to customize their interactions by sharing preferences, connecting with brands, and managing settings for a tailored experience.
- **Engagement & Rewards Ecosystem:** Developed a community-driven rewards system allowing users to engage with brands, submit feedback, and earn VIP perks, increasing platform retention and user satisfaction.

MyTurn - Recruitment Platform

- **Recruitment Simplification:** Built a streamlined job recruitment platform designed to simplify and accelerate the hiring process for recruiters and hiring managers.
- **Role-Specific Customization:** Delivered a specialized environment tailored exclusively to job-role management, enabling targeted, efficient, and structured hiring workflows.

Roaring Tiger - E-commerce Platform

- **Robust E-commerce Solution:** Developed a feature-rich web application providing a comprehensive platform for online buying and selling, catering to a wide range of consumer needs.
- **User-Centric Design:** Prioritized a seamless, intuitive shopping interface to enhance the end-user experience, optimize navigation, and maximize customer satisfaction and convenience.

Project Estimator - Automated Estimation Tool

- **Automated Estimation Engine:** Designed and built an innovative tool to automate the generation of accurate project estimates, significantly improving efficiency and reducing human error.
- **Versatile & Adaptable:** Delivered a flexible estimation solution adaptable to various industries and project scopes, providing customized and data-driven outputs for diverse business needs.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science & Engineering

Gulzar Group of Institutes, Khanna, Punjab | **2017 – 2021**

CGPA: **7.94/10**

LANGUAGES KNOWN

English Hindi Punjabi
