

Vishal Vanjari

📍 Mumbai ✉ officialvishalvanjari@gmail.com ☎ 8329223801 in vishal-vanjari 🌐 VishalVanjari

Introduction

Backend Engineer with a sharp learning curve and production delivery experience. Skilled in Node.js, Redis, RabbitMQ, and PostgreSQL. Continually dives deeper into protocols, systems, and cloud-native DevOps workflows. Passionate about building resilient backend architectures and growing toward solution-level thinking..

Technical Proficiencies

- **Languages:** Proficient– TypeScript, JavaScript; Comfortable– Java, C, SQL, ReactJS
- **Backend Frameworks:** Proficient- Express.js; Comfortable- Spring Boot, FastAPI
- **Databases:** PostgreSQL (Sequelize ORM), MongoDB (Mongoose ODM)
- **Message Queues:** RabbitMQ (AMQP), Redis Pub/Sub
- **AI/ML:** Retrieval-Augmented Generation (RAG), MCP Protocol

Education

Dr. Babasaheb Ambedkar Technological University
BTech in Computer Science

Jul 2020 – May 2024
CGPA: 8.3/10

Experience

Software Engineer

Unico Connect Private Limited

Kurla, Mumbai MH

Sep 2024 – Present

- Developed key backend modules for the Brain school management system in Node.js applying an event-driven architecture with RabbitMQ and Redis for reliable, high-concurrency processing.
- Built a scalable JWT/OAuth auth system and improved the performance of the Brain AI Q&A module.
- Integrated third-party tools (Parseur, Freshdesk) for automation of document parsing and support workflows.

Software Engineer Intern

BridgeLabz

Kurla, Mumbai MH

June 2024 – Aug 2024

- Completed a 3-month intensive backend engineering bootcamp. tools learned: Node.js, Express.js, PostgreSQL, Redis, RabbitMQ, CI/CD, git, GitHub, Jenkins, and RESTful design patterns.
- Practiced microservice architecture and implemented small-scale backend services under mentorship.

Personal Projects

Smart Billing & User Microservices

- Built a scalable Node.js microservices system for user management and billing with PostgreSQL, JWT authentication, and Dockerized deployment ensuring secure, reliable, and efficient backend operations.
- The system provides efficient, reliable, and maintainable backend services, including user registration, login, and billing functionalities, with proper error handling and logging.

Conversational AI Knowledge Base (RAG Pipeline)

- Engineered a full-stack Conversational AI chatbot using a RAG architecture, developing a Node.js/Express.js backend with a PostgreSQL/pgvector database and an ingestion pipeline to sync documents from a private knowledge base.
- Integrated Google Gemini and Hugging Face LLMs to power the core AI, designing an advanced conversational memory to handle complex, contextual follow-up questions.

Certification

Google Cloud Certified – Associate Cloud Engineer
Credential ID: 0f9d3ee4-c24f-42e0-a83a-c2b6e15eef6a

ACE-Certificate 
Issued: May 2025