

ANKIT PRAJAPATI

Backend Engineer | .NET Core | Node.js | SQL Server | AWS

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SUMMARY

Backend Engineer with 2+ years of experience building production backend applications using .NET Core, Node.js, Express.js, and SQL Server. Experienced in REST API development, business validation, microservices, database design and query tuning, authentication, production debugging, Docker, Jenkins CI/CD, and AWS. Strong hands-on experience delivering reliable backend services and integrating external systems.

EXPERIENCE

Associate Software Engineer, Srkay Consulting Group

May 2024 – Present

- Designed and implemented production backend modules and REST APIs using Node.js and .NET Core (C#, ASP.NET Web API) for data processing, business validation, and third-party API integration.
- Developed and tuned complex SQL queries, stored procedures, and database objects to improve query performance, scalability, and application responsiveness.
- Diagnosed and resolved production issues using log analysis, SQL debugging, and root-cause analysis to improve application stability and reliability.
- Containerized backend applications with Docker and supported automated build and deployment pipelines using Jenkins.
- Worked with frontend, QA, and cross-functional teams to integrate APIs, troubleshoot issues, and deliver backend features.

Software Engineer Intern, Srkay Consulting Group

Dec 2023 – Apr 2024

- Built backend features using Java, Spring Boot, SQL Server, and REST APIs in an enterprise application environment.
- Assisted with database design, SQL query tuning, API testing, and debugging for production-ready backend services.

PROJECTS

PURE – Diamond Lifecycle Management Platform

Node.js, Express.js, SQL Server

- Designed and built REST APIs for diamond lifecycle management and workflow automation using Node.js, Express.js, and SQL Server.
- Tuned stored procedures and database indexing strategies for high-volume workflow operations.

KrivAura – E-commerce Backend

Node.js, Express.js, PostgreSQL, Redis, Docker

- Developed a RESTful e-commerce backend with JWT authentication, role-based authorization, and APIs for products, categories, cart, wishlist, orders, and payments.
- Implemented Redis-based OTP verification, session management, and API rate limiting; integrated Razorpay for payment processing.
- Containerized the backend using Docker for consistent development and deployment environments.

NSE/BSE Intraday Stock Scanner

Node.js, Express.js, WebSocket, Telegram Bot API

- Migrated a Python-based stock scanner to a Node.js/Express application with WebSocket market data, Telegram Bot API alerts, and a trade lifecycle manager.
- Implemented live alerting and multi-signal confluence filtering for market workflows.

MRP – Diamond Price Analysis & Prediction Platform

.NET, Microservices, Elasticsearch, SQL Server

- Contributed to a .NET microservices platform consisting of 4–6 services, including Dashboard and Master services, backed by SQL Server.
- Built an Elasticsearch-backed filter/search flow through a .NET API and SQL Server data retrieval layer.
- Resolved production issues and improved SQL Server query performance and reliability.

TECHNICAL SKILLS

Backend: Node.js, Express.js, .NET Core, ASP.NET Web API, REST APIs, API Design, JWT Authentication, Microservices

Database: SQL Server, PostgreSQL, MongoDB, Redis, Query Optimization, Stored Procedures

Cloud / DevOps: AWS (EC2, S3, RDS, IAM, VPC, CloudWatch), Docker, Jenkins, CI/CD

Messaging: Apache Kafka, RabbitMQ

Integrations: Razorpay, Telegram Bot API, Elasticsearch

Languages: JavaScript, C#, Java

Tools: Git, GitHub, Postman, Jira

EDUCATION

Bachelor of Technology (B.Tech) in Computer Engineering

2020–2024

Uka Tarsadia University (UTU) — CGPA: 8.0