

PROFESSIONAL SUMMARY

Results-driven Backend Developer with 2 years of professional experience designing and building scalable, high-performance web applications using Node.js, Express.js, MongoDB, and MySQL. Proficient in developing robust RESTful APIs, real-time features using WebSockets, and implementing secure authentication and authorization systems with JWT.

Experienced in database schema design, query optimization, and integrating caching mechanisms with Redis and background job processing using BullMQ. Adept at cloud deployment and DevOps practices, with hands-on experience in CI/CD pipelines and cloud services.

Graduated with a degree in Computer Science from the University of Peshawar. A collaborative team player with strong problem-solving skills and a passion for writing clean, maintainable code that powers seamless user experiences across web and mobile platforms.

EDUCATION

University of Peshawar	Peshawar, Pakistan
Bachelors in Science (GPA: 3.51)	2020 – 2024
Govt PG Jahanzeb College Saidu Sharif Swat	Swat, Pakistan
Intermediate in Computer Science (84%)	2018 – 2020

EXPERIENCE

Senior Backend Developer	EncoderBytes
Full-time	December 2025 – Present
Leading backend architecture and implementation using Node.js, Express.js, and MongoDB.	
Building and scaling RESTful APIs serving production workloads with high reliability and performance.	
Driving technical decisions around data modeling, system boundaries, and API contracts.	
Ensuring code quality through reviews, refactoring, and enforcement of backend best practices.	
Working closely with product and frontend teams to translate business requirements into robust backend solutions.	
Backend Instructor	EncoderBytes
Contract	November 2025 – December 2025
Led backend engineering sessions focused on production-grade Node.js, Express.js, and MongoDB.	
Set technical standards and reviewed implementations to align with industry-level backend practices.	
Advised students on API design, code structure, and maintainability in real-world systems.	
Backend Developer	Createex (Lahore)
Full-Time Role	August 2024 – November 2025
Designing and developing efficient and scalable APIs using Node.js, Express.js, and MongoDB for diverse application needs.	
Collaborating with cross-functional teams to ensure seamless integration and optimal performance of backend systems.	
Frontend Developer	Libra Pharmaceuticals
Contract	August 2023 – December 2023
Worked with Nuxt.js to implement frontend features and integrate backend APIs.	
Contributed to improving the user interface of internal applications.	

TECHNICAL SKILLS

- Languages: JavaScript (Node.js)
- Frameworks: Node.js, Express.js, Vue.js, Nuxt.js
- Databases: MongoDB, MySQL, Redis
- Messaging/Queues: WebSockets, BullMQ
- Dev Tools: Git, GitHub, Postman
- Cloud/Other: Firebase (FCM), JWT, RESTful API Design

PROJECTS

Khabdi - Restaurant Exploration System

Node.js, Express.js, MongoDB, Redis, BullMQ, JWT

Client Project

Ongoing

Developing a platform to explore restaurants, consisting of an admin dashboard, restaurant panel, and mobile app.

Used Redis for caching frequently accessed data and BullMQ for background job processing.

Implemented role-based JWT authentication for secure access control across modules.

Built APIs for listing restaurants, user preferences, admin controls, and notification systems.

Restaurant ERP System

Node.js, Express.js, MongoDB, Flutter, JWT

Client Project

August 2025 - October 2025

Developed the complete backend for a Restaurant ERP system with modular architecture and secure role-based access control.

Built APIs for store and kitchen inventory management, menu management, employee attendance, and sales tracking.

Implemented finance modules for expense and revenue monitoring.

Collaborated with Flutter team to integrate APIs for mobile dashboards and management interfaces.

E-Labour App Backend (Final Year Project)

Node.js, Express.js, MongoDB, WebSockets, JWT, Firebase, MongoDB Geospatial

University Project

April 2024 – November 2024

Built a job marketplace connecting clients with service providers such as electricians and plumbers.

Implemented JWT-based authentication and role-based access control.

Used MongoDB Geospatial queries to enable location-based service provider discovery.

Integrated WebSocket-powered real-time chat and job updates.

Utilized Firebase Cloud Messaging for real-time push notifications.

Fox Training App Backend

Node.js, Express.js, MongoDB, JWT, Flutter

Internship Project

August 2024 – November 2024

Built backend services for a fitness app, including user registration, JWT authentication, and session handling.

Created APIs for workout plans, progress tracking, and personal goals.

Collaborated with frontend Flutter team to integrate and test endpoints.

Yoopii App - Social Commerce Platform

Node.js, Express.js, MongoDB, Redis, BullMQ, Cloudinary (HLS), WebSockets

Company Project

Ongoing

Developed backend for a TikTok-like platform where users can view reels and directly purchase featured products.

Used Cloudinary with HLS format to optimize video quality and streaming performance.

Implemented Redis caching and BullMQ queues to manage product sync, video uploads, and background jobs.

Added WebSocket-based real-time chat functionality and notifications.

Todo Project - Service Provider Platform

Node.js, Express.js, MongoDB, Socket.io

Company Project

Ongoing

Created a job-posting platform where users can hire and manage service providers through bidding.

Implemented chat between clients and service providers using WebSockets.

Built admin panel to manage job postings, user activities, and system health.

LMK Event Management Platform

Node.js, Express.js, MongoDB, WebSockets

Company Project

Ongoing

Engineered a system for managing events, hosts, and guests with RSVP and plus-one support.

Integrated WebSocket-based live updates for event status and guest actions.

Designed APIs with secure access control for users and event managers.

Chat Prism - Community Chat App

Node.js, Express.js, MongoDB, Socket.io

Company Project

Ongoing

Built a scalable chat system supporting public rooms and private messaging between users.

Implemented real-time messaging with Socket.io and robust moderation tools for admins.

Created admin panel to oversee users, messages, rooms, and ban/report features.

E-commerce REST API

Node.js, Express.js, MongoDB

Personal Project

March 2024

Developed a complete RESTful backend for an e-commerce app with user authentication, product catalog, and cart features.

CERTIFICATIONS

Node.js Tutorial and Project Course

Udemy

March 2024

Developing Back-End Apps with Node.js and Express

IBM

April 2023

Getting Started with Git and GitHub

IBM

August 2023

Certificate in IT (Web, Software, and Mobile App Development)

NAVTTTC

February 2022