

Project Experience Report

Name: Rahul Singh Rathore

Role: Backend Developer

Joining Date: 18th November 2024

E-Commerce Backend

A complete e-commerce platform backend designed to handle products, orders, users, and payments. The system included secure authentication, product management, cart & order APIs, and integration with the frontend.

My Role & Responsibilities:

- Designed and implemented the complete backend using Node.js, Express, MongoDB.
- Developed RESTful APIs for user authentication, product management, cart, checkout, and payment.
- Collaborated with frontend developer Priyanshi for API integration and testing.
- Performed API testing with Postman to ensure smooth functionality.

Technologies: Node.js, Express.js, MongoDB, Postman, JWT, Bcrypt

Electronics E-Commerce

A specialized e-commerce platform for electronics items, featuring product categories, stock management, and customer order flow.

My Role & Responsibilities:

- Built the complete backend from scratch.
- Performed API testing and integration on both Admin Panel & Website.
- Worked on UI screens for integration testing where required.
- Fixed missing UIs in panel/web to make backend features testable.

Technologies: Node.js, Express, MongoDB, REST APIs, Bootstrap

BBPS of ABDKS

A bill payment and recharge system under BBPS framework.

My Role & Responsibilities:

- Developed 10–12 APIs for payment processing, transaction management, and service handling.
- Performed extensive testing to validate all APIs.

Technologies: Node.js, Express, MongoDB, Postman

SuStylo (Salon Services App)

A salon booking application where users can book salon services at home, including online payment integration.

My Role & Responsibilities:

- Built the complete backend system for salon listings, service management, and bookings.
- Integrated payment gateway APIs.
- Worked on Admin Panel & Website integration for smooth user experience.
- Ensured secure user authentication and service scheduling APIs.

Technologies: Node.js, Express.js, MongoDB, Payment Gateway API, Postman

PV Classes

A digital learning platform similar to Utkarsh Classes, providing online courses, classes, and user dashboards.

My Role & Responsibilities:

- Designed and developed the complete backend system.
- Created APIs for student registration, courses, videos, tests, and results.
- Integrated APIs with frontend website & admin panel.
- Enhanced and built some UIs for testing & improving UX.

Technologies: Node.js, Express, MongoDB, Postman, Bootstrap

Jajam (Clothing E-Commerce)

An online shopping platform for clothing and apparel.

My Role & Responsibilities:

- Implemented backend changes for scalability and performance.
- Developed and tested new APIs for product & order flow.

Technologies: Node.js, Express, MongoDB

Food Delivery App

A food delivery platform similar to Zomato/Swiggy with restaurant listing, menus, orders, and delivery tracking.

My Role & Responsibilities:

- Built & enhanced backend APIs for orders, restaurants, menus, and delivery system.
- Performed API integration with Admin Panel, Mobile Application, and Website.
- Worked closely with frontend team to ensure seamless integration.

Technologies: Node.js, Express, MongoDB, JWT, Postman

SevenUnique Main Website

The official website of Seven Unique company, featuring services, blogs, and contact forms.

My Role & Responsibilities:

- Designed and implemented entire backend.
- Integrated contact form with email & database.
- Managed blogs section with CMS-like backend structure.

Technologies: Node.js, Express.js, MongoDB, Nodemailer

Unique V Host (Server Selling Website)

A hosting and server-selling platform, made dynamic with API-driven architecture.

My Role & Responsibilities:

- Developed and converted static website into dynamic backend-driven system.
- Created and integrated all required APIs.
- Made UI changes to support backend data flow.

Technologies: Node.js, Express, MongoDB, REST APIs

SuStylo (Rebuild - Current Ongoing Project)

The updated version of the SuStylo Salon Services App, redesigned with better performance and additional features.

My Role & Responsibilities:

- Currently working on the new backend architecture.
- Developing APIs for salon listings, service categories, payments, and bookings.
- Ensuring scalability and integration readiness for panel, website, and mobile app.

Technologies: Node.js, Express.js, MongoDB, Payment Gateway, Postman

Summary

Since joining on **18th November 2024**, I have worked on **10+ diverse projects** including E-commerce platforms, Salon booking systems, Food delivery apps, Learning platforms, Hosting websites, and Company websites.

My main expertise includes:

- Backend Development using Node.js, Express.js, MongoDB
- API Development, Testing & Integration
- Payment Gateway Integration
- Basic UI fixes for integration/testing
- Admin Panel & Website API Integration

I have gained strong hands-on experience in building and scaling backend systems, ensuring API reliability, and collaborating with frontend developers for seamless delivery.