

PRASHANT SINGH HADA

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WORK EXPERIENCE

Backend Engineer <i>Persistent Digital Commerce Pvt. Ltd.</i>	November 2023 - Present Gwalior, In
<ul style="list-style-type: none">Built and maintained multiple backend systems for a quick commerce marketplace ecosystem, supporting diverse apps for buyers, sellers, delivery personnel, and administrators, with real-time updates and seamless integration.Built a real-time delivery tracking system using WebSockets, reducing operational inefficiencies by 20-30%.Refactored APIs, reducing response latency by 40% through query optimizations and improved indexing in MongoDB.Integrated MSG91 for SMS/OTP-based authentication, boosting multi-app security by 30%.Enhanced backend scalability by 40% using Node.js clustering and deployed services with PM2 on AWS EC2 with 99.9% uptime.Leveraged Redis for caching and implemented ACID MongoDB transactions to maintain data consistency.	

EDUCATION

Bachelor of Technology in Computer Science, ITM Gwalior :- CGPA - 8.67	2020 - 2024
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SKILLS

Programming Languages:	TypeScript, JavaScript, C, C++
Backend:	Node.js, Express.js, AWS, WebSockets, WebRTC Prisma, Redis, Docker, PM2
Frontend:	React.js, Redux Toolkit GSAP, Framer Motion, Tailwind, Locomotive, Lenis CSS, SASS
Databases:	PostgreSQL, MongoDB
Other Tools:	Version Control (Git), Linux,

PROJECTS

Notification Service (Scalable Microservice):	[Repository]
<ul style="list-style-type: none">Description: A notification system with multichannel delivery (Email, SMS, Push Notifications). The features include user preferences, retries, and message templates.Tech Stack: Node.js, PostgreSQL, Prisma, Redis, Docker, PM2, Nodemailer.	
Custom Git Version Control System (Backend):	[Repository]
<ul style="list-style-type: none">Description: Developed core commands for a basic version control system to manage Git object types, which improved understanding of version control internals.Tech Stack: Node.js, File System.	
Real-Time Location Tracking System:	[Repository] Active-Link
<ul style="list-style-type: none">Description: Developed a system for tracking users' locations in real-time via WebSockets and Leaflet, enabling seamless real-time location updates for delivery systems.Tech Stack: Node.js, WebSockets, Leaflet.	