

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">Integrated real-time events via WebSockets for tracking delivery partner locations, optimizing payment and order flows, and reducing operational costs by 20-30%.Optimized API performance by improving query efficiency, reducing latency by 40%, leading to faster response times and a superior user experience.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++, Python
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

Ravyn AI : Ravyn is an **AI**-powered assistant that combines a sophisticated UI with robust functionality. Built using Gemini's API, this project delivers intelligent interactions and a seamless user experience, emphasizing elegant design and practical features [\[Repository\]](#) [| Active Link](#)

Zentry Inspired Site : A responsive website inspired by Zentry's official website, recreating some of the **Design, Effects** and **Animation** of an immersive user experience. [\[Repository\]](#) [| Active Link](#)

Notification Service (Microservice) : Developed a Notification system **Micro service** that utilizes various notification channels (**Email, SMS, Push notification**). Used **Redis, Message Queue, Nodemailer, Fast2SMS, Firebase, PM2** and **Docker**. [\[Repository\]](#)

Ochi-Design Agency :- A website inspired by Ochi-Design Agency's official site, using **React.js** and **Tailwind CSS**, with a modern and stunning user interface. Integrating advanced **animations** and effects with **Framer Motion, GSAP**, and **Locomotive** to enhance user experience. [\[Repository\]](#) [| Active Link](#)

Building a Git Version Control System :A custom **version control system** similar to Git by re-creating some core commands from scratch to manage various **Git object types** efficiently using **Node.js**. [\[Repository\]](#)