

PRASHANT SINGH HADA

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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: Next.js React.js, Redux Toolkit GSAP, Framer Motion, Tailwind, Locomotive, Lenis CSS, SASS
Databases: PostgreSQL, MongoDB
Other Tools: Version Control (Git), Linux,

WORK EXPERIENCE

Backend Engineer November 2023 - Present
Persistent Digital Commerce Pvt. Ltd. Remote, In

- Developed and maintained multiple **backend systems** for a **quick commerce marketplace**, enabling **real-time updates** across buyer, seller, and delivery apps.
- Integrated **WebSockets** for **live delivery tracking**, optimizing **payments** and **order flows**, reducing **operational costs by 20-30%**.
- Improved **API performance**, cutting **response latency by 40%** through **query optimizations** and **indexing** on database.
- Implemented **SMS Service** for **SMS/OTP authentication**, enhancing **multi-app security by 30%**.
- Scaled **backend by 40%** using **Node.js clustering**, deployed with **PM2 on AWS EC2 (99.9% uptime)**.
- Utilized **Redis caching** and **ACID MongoDB transactions** to ensure **data consistency**.

EDUCATION

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

PROJECTS

Zenai: (AI-Powered Career Coach SaaS): [\[Repository | Active-Link\]](#)

- **Description:** Empowers users with **AI-driven** career insights, **dynamic market trends**, and **optimized resume** and **cover letter** generation for maximum impact on job applications.
- With **AI-curated mock interviews**, detailed performance **analytics**, and tailored user preferences, Zenai provides personalized career guidance.
- **Tech Stack:** Next.js, TypeScript, Tailwind CSS, PostgreSQL, Neon, Inngest, Clerk, Shadcn, State Management, Gemini, Recharts, React-Markdown for a scalable and robust platform.

Notification Service (Scalable Microservice): [\[Repository\]](#)

- **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): [\[Repository\]](#)

- **Description:** Created my own implementation of **Git** version control **from scratch**.
- Developed core commands for a basic version control system to manage **Git object types**, which improved understanding of version control internals.