PRASHANT SINGH HADA

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Email ◇ LinkedIn ◇ GitHub ◇ X (Twitter) ◇ Portfolio

SKILLS

Programming Languages:	TypeScript, JavaScript, C, C++
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:	PostgresSQL, MongoDB
Other Tools:	Version Control (Git), Linux,

WORK EXPERIENCE

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

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, PostgresSQL, Prisma, Redis, Docker, PM2, Nodemailer.**

Custom Git Version Control System (Backend):   [Repository]

- **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]

- **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.**