

# PRASHANT SINGH HADA

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[Email](#) ◇ [LinkedIn](#) ◇ [GitHub](#) ◇ [X \(Twitter\)](#) ◇ [Portfolio](#)

## SKILLS

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**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

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**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**.

## PROJECTS

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**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 using **React**, 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**. [\[Repository\]](#)

## EDUCATION

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