

Praveen Gupta

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EXPERIENCE

Full Stack Developer

Sep 2023 – Present

ITC Infotech

Bangalore, India

- Built and maintained 20+ high-traffic backend APIs using **Node.js**, **Express**, and **GraphQL**.
- Reduced API response time by **40%** using indexing, query optimization, and Redis caching.
- Handled data synchronization across services via **Redis Pub/Sub**, supporting up to **500 concurrent users**.
- Integrated authentication systems using **JWT** and role-based access control.
- Automated background workflows with **Azure Functions**, decreasing manual ops by **80%**.
- Collaborated with cross-functional teams to refactor legacy backend, improving maintainability score by **30%**.

Frontend Intern

Feb 2023 – Jul 2023

Physics Wallah

Remote

- Contributed to frontend-backend integration for dynamic forms and dashboards.
- Worked on internal tools consuming backend APIs, focusing on performance and usability.

TECHNICAL SKILLS

Backend: Node.js, Express.js, GraphQL, REST APIs, Redis, WebSockets, JWT, Azure Functions

Databases: PostgreSQL, MongoDB, SQLite

Other: DSA, Microservices Architecture, C++, TDD, Caching, API Design

PROJECTS

Route Data Management System

Apr 2024 – Present

ITC Infotech

- Architected backend services for multi-role access control and audit logging.
- Improved update latency by **60%** using **Redis** and **Socket.IO**.
- Developed schema-first **GraphQL API** design for flexible client queries.

Teams Notification Automation

Oct 2023 – Feb 2024

ITC Infotech

- Built webhook consumers using **Node.js** and **Redis**, processing over **10K+ events/day**.
- Integrated ServiceNow and Teams APIs to deliver real-time incident alerts.

Namma Store

Jan 2025 – Present

Personal Project

Live — GitHub

- Engineered backend with **Node.js** and **MongoDB**, including secure OTP auth and Google login.
- Enabled file uploads with **Multer** + **Cloudinary**; achieved 99.9% success rate in validation pipeline.

EDUCATION

Punjab Technical University

Apr 2019 – May 2023

B.Tech in Computer Science

Punjab, India