Priyanshu Kumar

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• Linkedin • Leetcode • Github • Hackerrank • Portfolio

Experience

Software Developer *May 2025 – Present*
Cognivac (Doqfy Property Management Platform, Saudi-based)
Working on a property management platform used by real estate owners and tenants, focusing on performance, scalability, and maintainable full-stack architecture.

- Built and optimized dynamic web pages using **Next.js** (SSR/SSG), improving load times by **30%**.
- Developed and integrated backend services with **FastAPI** and **PostgreSQL**, enabling efficient data management and secure API interactions.
- Added **multilingual support** (English/Arabic) with full RTL compatibility for better global accessibility.
- Used **Git/GitHub** for version control, managing pull requests and feature branches across the team.
- Collaborated within an **Agile team**, ensuring smooth sprint planning and maintaining a **95% feature delivery rate**.

Software Development Intern *Jan 2025 – Apr 2025*
TechNova Solutions
Contributed to internal CRM and automation tools, focusing on frontend-backend integration.

- Developed responsive interfaces using **ReactJS** and connected them to **Spring Boot** through **REST** APIs.
- Designed and tested new API endpoints, automating manual workflows and cutting processing time by **40%**.
- Tuned MySQL queries and indexes, reducing database response times by **15%**.
- Worked closely with the QA and backend teams in an **Agile setup**, resolving merge conflicts and improving release stability.

Projects

FoodCal – AI-Powered Nutrition & Fitness Tracker | GitHub | Live *Dec 2025*
Next.js, Tailwind CSS, Python, Supabase, OpenCV, Google Gemini, OpenAI, PWA

- Built an **AI-powered nutrition & fitness platform** with food image–based calorie and macro estimation.
- Integrated **Google Gemini, OpenAI, and OpenCV** for food recognition, camera optimization, automated logging.
- Implemented **step tracking algorithms** with anti-cheat validation, background monitoring, and goal alerts.
- Developed a **PWA health dashboard** using **Next.js & Supabase** with offline support and real-time sync.

Gym Management System | GitHub | Live *Aug 2025*
ReactJS, TypeScript, Tailwind CSS, Supabase, PostgreSQL

- Built a complete gym management system to track memberships, payments, and product sales effectively.
- Implemented automated membership status checks and product payment alerts to improve owner efficiency.
- Designed an intuitive, real-time dashboard with **ReactJS, TypeScript, Tailwind CSS** for easy tracking.
- Used **Supabase, PostgreSQL** for backend database management and real-time updates.

Education

Babu Banarasi Das University, Lucknow, Uttar Pradesh *August 2023 - July 2025*
Master of Computer Application (Data Science)

Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh *August 2020 - July 2023*
Bachelor of Computer Application

Skills

- **Frontend:** HTML, CSS, Tailwind, JavaScript, ReactJS, Next.js. React Native
- **Backend:** Spring Boot, RESTful APIs, FastAPI,
- **Programming:** Java, Python
- **Databases:** MySQL, PostgreSQL, MongoDB, Supabase, Firebase
- **Tools & Platforms:** Git, GitHub, Docker, VS Code, Zira, Clickup, Slack, Jupyter Notebook

Personal Attributes

- **Hackathon Winner:** Secured **1st place** in a university-level hackathon, showcasing teamwork, real-time coding, and problem-solving under pressure.
- **Problem-Solving:** Solved over **450+ coding questions** on platforms such as LeetCode, secured top **10%** ranking.
- **Competitive Programming:** Achieved **5-star ratings** in Java and MySQL on HackerRank, validating expertise in coding and databases.