

Priyanshu

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WORK EXPERIENCES

UPPTCL | Internship

Jul 2024

Automation Intern

Uttar Pradesh, India

- Analyzed integration of high-voltage hardware with centralized PC control systems.
- Documented hardware-to-software data pipelines and real-time logging for grid monitoring.
- Studied SCADA architectures for remote sensor data aggregation and server processing.
- Traced automated fault detection workflows from physical grid anomalies to digital logs.

PROJECTS

Multi-Tenant CRM Platform —

- Built full-stack SaaS CRM using React, Node.js, Express, MongoDB.
- Designed secure multi-tenant architecture with JWT auth, role-based org access, API keys.
- Developed dashboard using Zustand + Recharts for customer/activity insights.
- **Technologies / Skills Used:** React, Node.js, Express, MongoDB, JWT, Zustand

Gym Assistant —

- Built AI fitness platform using Next.js, React, Tailwind, Convex DB.
- Integrated Vapi AI for voice onboarding capturing user metrics and goals.
- Used Gemini 2.0 to generate structured workout/diet JSON from conversations.
- Implemented Clerk authentication and Svix webhooks for real-time sync.
- **Technologies / Skills Used:** Next.js, Tailwind, Convex DB, Gemini 2.0, Clerk

Streamify —

- Built real-time video calling + language exchange app using MERN stack.
- Implemented secure cookie-based JWT auth with BCrypt hashing.
- Developed friend system and language-based matchmaking.
- Integrated GetStream for messaging, video calls, and profile sync.
- **Technologies / Skills Used:** MongoDB, Express, React, Node.js, WebRTC

EDUCATIONS

University School of Automation & Robotics, GGSIPU

Nov 2022 – Jul 2026

Bachelor of Technology - Automation and Robotics

CGPA: 7.31 / 10

TECHNICAL SKILLS

Languages: JavaScript, C#, C++, SQL

Frontend: React, Next.js, Tailwind CSS, HTML/CSS, Bootstrap, Zustand, Recharts

Backend: Node.js, Express

Database: MongoDB, SQL Server, SQLite, Mongoose

Tools & Technologies: Git, Docker, Postman, JWT, Cloudinary, Inngest

ADDITIONAL ACHIEVEMENTS

Hackathons: National Level Finalist – Smart India Hackathon 2024 & 2025

Awards: University Finalist – Student of the Year

Certifications: Artificial Intelligence Fundamentals, Project Management Fundamentals

Publications: Co-Author – AI-based Precision Farming using Machine Learning (Zenodo)