KAUSHALENDRA SINGH

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LinkedIn | GitHub | Portfolio

EXPERIENCE

FaxLab AI — Remote
Frontend Developer Intern — Dec 2025 – Present

- Developed UI for AI course platform using **Next.js**, **TypeScript**, **Tailwind**; improved engagement for 500K+ learners.
- Implemented course catalog, auth flows, dashboards; boosted page load by 30% via SSR and code splitting.
- Integrated REST APIs for course data and progress tracking.

GRS Worker — Remote
Full Stack Developer Intern — Sep 2025 – Nov 2025

- Architected full-stack app with **Next.js 15**, **Prisma**, **NextAuth**; secured sessions and complex DB relations.
- Integrated **Twilio** SMS, QR codes, **Zod** validation; cut data errors by 40%.
- Built UI with **Radix UI**, **Framer Motion**; optimized API with Turbopack and Server Actions.

PROJECTS

Buildify Labs - AI Business Intelligence — Live | GitHub
Next.js, Tambo AI, Zustand

- Conversational analytics platform turning natural language into dynamic UI components (metric cards, charts, comparisons).
- Mock AI backend returns structured JSON → real-time React rendering.
- Zustand state manages sessions and query context filtering.

MyAttendance - Track the Attendance — Live | GitHub
Next.js, MongoDB, PWA

- PWA used by 1300+ active users to track attendance; enforced 75% criteria.
- Optimized MongoDB for concurrent peak requests.

Postly - Social Media Application — Live | GitHub
Next.js, Socket.io, MongoDB

- Real-time social app with 150+ users; Socket.io for live updates.
- Lighthouse score 80+ via SSR and code splitting.

CosmoDetect — Live API | GitHub
Python, YOLOv11, OpenCV

- Custom YOLOv11 model for space object detection; deployed inference API on Render.
- OpenCV for pre-processing and annotation.

EDUCATION

Harcourt Butler Technical University — Kanpur
B.Tech Mechanical Engineering — 2023 – 2027
Relevant: DSA, OS, DBMS, Web Dev

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, C, C++
Frontend: Next.js, React, Tailwind, ShadCN, Radix, Framer Motion, Tambo AI, Zustand
Backend: Node.js, Express, FastAPI, Prisma, NextAuth, Zod, Twilio, Socket.IO
AI/ML: PyTorch, YOLOv11, Hugging Face, OpenCV, Gemini API
Database: MongoDB, MySQL, PostgreSQL
DevOps: Docker, AWS, Vercel, Render, CI/CD
Core: DSA, OOP, System Design (LLD, HLD), Type Safety