

YASH GAUR

Software Engineer specializing in AI Systems, Voice Agents, and Scalable Backend Architecture

+91-9891877269 yashgaur2525@gmail.com [Linkedin](#) [Github](#) [LeetCode](#) [Portfolio](#)

Work Experience

Software Engineer | Oscorm Digital Pvt. Ltd.

Jan 2026 - Present

- Built and maintained multiple production-grade full-stack applications using Next.js, including a **freelancer hiring marketplace** and a **travel booking platform**, implementing scalable architecture, reusable components, and optimized user experiences.
- Implemented end-to-end features such as authentication, job posting & applications, flight/hotel search and booking flows, SSR, SEO optimization, and performance tuning for high-traffic, user-facing platforms.
- Contributed to a client-facing AI-based consultation platform, integrating frontend and backend workflows, collaborating with AI and product teams, and delivering reliable, production-ready features.

Software Engineer | Excellence Technologies Pvt. Ltd.

April 2025 – Dec 2025

- Built an AI-powered HR automation system using **Puppeteer + Gemini AI**, cutting manual review effort by 70–80 and generating real-time job insights for faster decision-making.
- Engineered the internal **HRMS platform** (frontend + backend) and implemented **Redis** caching to optimize performance, cutting API response time from 5s to 500ms.
- Built low-latency real-time Voice AI pipelines integrating STT → LLM → TTS workflows using LiveKit and **OpenAI Realtime APIs** with streaming response orchestration.
- Built real-time conversational **Voice AI systems** for astrology consultation workflows using **OpenAI Realtime APIs** and **LiveKit**.

Full-Stack Developer Intern | ForgebyteSolutions Pvt. Ltd.

Jan – Mar 2025

- Developed and deployed full-stack client websites using **Next.js, Tailwind CSS, and Supabase**, improving load times by **40%**.
- Designed and customized WordPress websites with **Elementor**, enhancing UI/UX and increasing client engagement by **30%**.
- Collaborated with cross-functional teams to deliver tailored IT solutions, optimizing web applications for **99% uptime**.

Key Skills

Languages: HTML, JavaScript, TypeScript, Python, C++

Frontend: React.js, Next.js, Redux Toolkit, TailwindCSS

Backend: Node.js, Express.js, PRISMA, GraphQL, Socket.io, Flask, FastApi, BullMQ

Database: MySQL, MongoDB, Redis, Supabase

DevOps & Cloud: Docker, Kubernetes, GCP, AWS

AI & LLM Stack: OpenAI APIs, LangChain, LangGraph, RAG, MCP, Vector Search, Prompt Engineering, AI Agents

Voice AI: LiveKit, Deepgram, ElevenLabs, OpenAI Realtime API

Vector Databases: FAISS, PineCone, Qdrant, ChromaDB

Projects

AI-Recruiter (LLM + RAG + Vector Search System) | [Github Link](#)

- Designed a **RAG-based** recruiting intelligence system using **FastAPI, LangChain, vector embeddings**, and **semantic search** pipelines for contextual resume analysis.
- Developed an AI-powered interview intelligence agent leveraging **Tavily Search** to fetch real past interview questions, candidate experiences, and actionable insider tips scraped from the web.
- Engineered an optimized workflow integrating LLM reasoning + **vector search** to deliver accurate, context-aware responses through a responsive **Next.js** frontend and scalable **FastAPI** backend.

Microservices based LMS | [GitHub Link](#)

- Engineered a scalable Microservices-based LMS platform using Node.js, Express, TypeScript, Supabase, **Redis caching**, and an **API Gateway**, and **independent deployment** with reliable inter-service communication.
- Implemented role-based dashboards in **Next.js** with course creation, lesson management, and secure video delivery via **WebRTC**, along with real-time chat/calls using **LiveKit**, **event-driven notifications** using **Kafka**, and payment workflows with **Razorpay**.

Education

Greater Noida Institute of Technology (GGSIU)

2021 – 2025

B.Tech in Computer Science

CGPA: 8.1/10

Certificates and Achievements

- Won 1st prize** in TechInertia Hackathon (2024)
- LangChain** Certification from DeepLearning.ai
- Full Stack generative and **Agentic AI** with python from Udemy