

Utkarsh Kumar Jha

B.Tech in Computer Science and Engineering · Gurukul Kangri University, Haridwar

☎ +91 7325064513 | ✉ hello.utkarshjha@gmail.com | 🌐 github.com/utkarshjha1407 |
🌐 linkedin.com/in/utkarsh-jha-372671291

SUMMARY

Backend and full-stack engineer who ships production SaaS. Built an LLM-powered AI mock-interview platform (FastAPI, Next.js, Groq) and a live AI conversation SaaS serving real users. Strong in REST API design, system design, data structures and algorithms, with hands-on Docker and CI/CD experience.

EDUCATION

Gurukul Kangri (Deemed to be University)

B.Tech in Computer Science Engineering (SGPA: 8.01/10)

Dec 2021 – May 2025

Haridwar, Uttarakhand, India

SKILLS

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

Backend: FastAPI, Node.js, Express.js, REST APIs, Celery, Redis, WebSockets, JWT

Frontend: React 18, Next.js 14, Tailwind CSS, shadcn/ui, TanStack Query

Databases: PostgreSQL, MySQL, MongoDB, Supabase, Redis

DevOps: Docker, CI/CD, Git, Vercel, Render, Railway, Google Cloud

AI / ML: PyTorch, Hugging Face, LLaMA-3.3-70B, RAG, Vector DB

EXPERIENCE

Data Analyst Intern (Cognifyz Technologies, Remote)

Feb 2025 – Apr 2025

- Analyzed **1,000+** restaurant records with Python (**Pandas, NumPy**) to surface pricing trends and chain performance insights.
- Automated preprocessing pipelines, reducing manual effort by **30%** and improving report accuracy by **15%**.

PROJECTS

IntervieAI – AI Mock Interview Platform (GitHub) | FastAPI, Next.js, Groq, Supabase **2025**

- AI-driven mock interview platform with two modes: **GitHub mode** generates questions from a candidate's real repositories, and **Skill mode** runs topic-based interviews (Python, DSA, System Design) on demand.
- FastAPI** backend with **SQLAlchemy** ORM and **Groq LLM** integration for real-time question generation and answer evaluation.
- Next.js 14** frontend with Tailwind CSS, backed by **Supabase** (PostgreSQL) and Supabase Auth with optional Google OAuth.
- Code: github.com/utkarshjha1407/v1

TryCisco – AI Conversation SaaS (GitHub) (Live) | LLaMA-3.3, Node.js, Express.js **Apr 2025**

- Production AI SaaS with **real-time LLM streaming** via LLaMA-3.3-70B, multi-turn context tracking, dynamic prompt injection and task reminders.
- Node.js + Express.js** backend with session persistence achieving **sub-200ms** response latency under concurrent load.
- Live: trycisco.xyz · Code: github.com/utkarshjha1407

GaadiGuru – Car Services Marketplace (GitHub) (Live) | Next.js 14, TypeScript, Supabase **Jun 2025**

- Full-stack car services marketplace built from **Figma prototype to deployed product**, with service listings, real-time Supabase queries and role-based UI flows.
- TypeScript + Next.js 14** frontend (94.9% TS codebase) with reusable component architecture, dynamic routing and server-side data fetching.
- Live: gaadiguru.vercel.app · Code: github.com/utkarshjha1407/mrwhite

ACHIEVEMENTS

- DSA:** Solved **200+** problems across LeetCode, GeeksforGeeks and HackerRank.
- Shipped Products:** Built and deployed **2 live production SaaS applications** serving real users.

CERTIFICATIONS

Python Essentials (**Cisco**) · Machine Learning: Methods and Tools (**IBM**) · Career Essentials in Generative AI (**Microsoft**)