

YASHRAJ GUPTA

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🌐 LinkedIn

🐙 GitHub

🌐 Portfolio

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SUMMARY

Computer Science (AI) undergraduate with 1400+ coding problems solved and 7+ deployed full-stack applications. Built web and GenAI tools using React, Node.js, MongoDB, and OpenAI/Groq APIs. Experienced in designing scalable REST APIs, deploying cloud-based applications, and integrating third-party services. Applied data structures and algorithms in backend systems across collaborative development projects.

ACHIEVEMENTS

Sep 2023 – Present

- Solved 500+ LeetCode problems with a 350+ day streak; peak rating of 1653
- Completed 400+ GeeksforGeeks problems; rating 1943 and 160-Day Certificate holder
- Achieved 1695 rating on CodeChef with 250+ algorithmic problems solved
- Reached 1397 rating on Codeforces through 300+ rated submissions
- Recognized for consistent performance in college-level coding contests and hackathons

EXPERIENCE

Core Member

Jan 2024 – Present

DSDL Club – KIET Group of Institutions

Ghaziabad, India

- Explored foundational and applied concepts in Machine Learning and Computer Vision through hands-on group sessions
- Worked in a team of 8+ to build and contribute to small utility tools and AI-based mini projects
- Assisted 30+ juniors in debugging code, understanding DSA topics, and setting up dev environments
- Shared technical learnings in weekly discussions, improving peer engagement and collaborative learning

PROJECTS

CodeTrack – Multi-Platform Coding Analytics Dashboard 🌐 Live

Aug – Sep 2025

- Developed a solo full-stack dashboard (React, Node, Supabase) aggregating LeetCode, Codeforces, and CodeChef data
- Processed 50k+ submissions across 3 APIs with normalization logic and interactive visualizations
- Optimized queries and caching to cut API latency to 120ms median for 40+ active testers
- Achieved 95+ Lighthouse scores in performance, accessibility, and best practices with responsive UI
- Automated weekly insights via cron jobs and email digests, driving high tester retention and engagement

GROQ-Jarvis – GenAI Chatbot 🐙 GitHub

Jun – Jul 2025

- Engineered high-performance GenAI chatbot leveraging Groq LPU, achieving 20ms response times (75% faster than competitors)
- Implemented enterprise-grade security with encrypted key handling, supporting 50+ concurrent users
- Architected responsive chat interface using React.js + Tailwind CSS, optimized for mobile-first design
- Integrated advanced features: scroll logic, typing animations, and concurrent message batching handling 100+ messages/second

Movies Hub – Movie Tracker App 🌐 Live

Apr – May 2025

- Launched feature-rich movie tracker with user reviews, 10-star rating system, and intelligent fuzzy search
- Integrated TMDb API to access metadata for 10,000+ movie titles with 99.9% uptime
- Optimized frontend performance achieving 95% Lighthouse score using HTML5, CSS3, JavaScript
- Deployed persistent user preferences via localStorage, enhancing user retention by 60%
- Migrating to modern tech stack: Next.js + Tailwind CSS + shadcn/ui for enhanced scalability

EDUCATION

KIET Group of Institutions

2023 – 2027

B.Tech in Computer Science and Engineering (Artificial Intelligence)

Ghaziabad, Uttar Pradesh

- Current SGPA: 7.5/10.0 — Relevant Coursework: Data Structures, Algorithms, Machine Learning, Database Systems

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, SQL

Frontend Development: React.js, Tailwind CSS, Bootstrap, HTML5, CSS3

Backend Development: Node.js, Express.js, MongoDB, Supabase, REST APIs

Machine Learning / GenAI: scikit-learn, pandas, NumPy, Matplotlib, OpenCV, TensorFlow, OpenAI API, LangChain

Tools & Platforms: Git, GitHub, Linux, VS Code, Google Colab, Vercel, Netlify, Postman, CI/CD