Uttkarsh Singh

+91- 9582189958 | uttkarshsingh450@gmail.com | LinkedIn | GitHub | Portfolio | Leetcode | East Delhi, India

Summary

Final-year Computer Science student with strong academic and project-based experience in frontend, backend, and full-stack Development. Skilled in JavaScript, React, Node.js, Express, and MongoDB with solid knowledge of data structures and algorithms. Experienced in solving complex problems, building responsive interfaces, and improving solutions through hands-on practice.

Skills

- Languages: JavaScript, C++, Java
- Frontend: HTML, CSS, React.js, Tailwind CSS
- Backend: Node.js (Express.js)
- Databases & Caching: MySQL, MongoDB, Redis
- Core CS: Data Structures & Algorithms (DSA), Low-level Design (LLD – currently Learning, covered SOLID principles)
- Others: Git, Figma, RESTful APIs, Web Performance Optimization

Education

B. Tech - Computer Science & Engineering

Maharaja Agrasen Institute of Technology, Delhi **|** 2022-2026 **|** CGPA: 7.942/10

12th (PCM)

Govt. Boys Sr. Sec. School, New Kondli, Delhi **|** 2020-2021 **|** 79.2%

Project

SoundNest – AI SaaS Podcast Platform – Next.js, TypeScript, Tailwind CSS, Convex, ElevenLabs, Gemini AI, Freepik, Clerk Demo
Built an AI-powered podcast platform to create, discover, and listen to podcasts with multi-voice text-to-speech and AI-generated thumbnails. Developed a real-time backend with Convex, integrated multiple AI APIs, and deployed the platform on Vercel.

InvisiCrypt (Phase - 1) – C++, CLI Tool GitHub
Developed a CLI-based encryption tool for secure communication using text steganography and AES/Caesar algorithms. Enabled Invisible zero-width character embedding for message hiding with validation for reliability and security.

CineSentiment – AI Sentiment Agent – Python, TensorFlow, Keras, Streamlit Demo
Developed an intelligent sentiment analysis agent using an LSTM model to classify movie reviews and generate contextual feedback. Built with Streamlit for real-time interaction and deployed for live AI-based sentiment inference.

Training

- **From Learner to Builder: Become an AI Agent Architect** – IBM SkillsBuild (July 2025) Certificate
  Completed the 6+ hour structured learning plan focused on AI agents, including their architecture, capabilities, and real-world applications. Gained insight into designing intelligent systems and deploying agent-based solutions.

Achievements & Extra Curricular Activities

- **Hack with Mait 5.0** – April 2024   Certificate
  Won **1st position** in a competitive hackathon by outperforming 40+ teams. Contributed to frontend development using React.js, Tailwind CSS coordinated a 4-member team and managed project timelines to ensure on-time delivery.

- **JavaScript Zero to Hero** – **GUVI (July 2024)** Certificate
   Completed the 40+ hour extensive course covering JavaScript fundamentals, ES6+ features, DOM manipulation, and Asynchronous programming. Built 3+ mini-projects to reinforce core concepts and apply learned skills.
- Native proficiency in Hindi, fluent in English (professional working proficiency), and basic Spanish and German.