Uttkarsh Singh

+91- 95821 89958 | uttkarshsingh450@gmail.com | LinkedIn | GitHub | Portfolio | Leetcode | East Delhi, India

Summary

Full-stack developer skilled in JavaScript, React.js, Node.js, and C++. Experienced in building scalable applications, AI-driven platforms, and secure systems. Strong problem-solver with solid DSA fundamentals and hands-on experience across frontend, backend, and deployment workflows.

Skills

- Languages: JavaScript, C++
- Frontend: HTML, CSS, React.js, Tailwind CSS
- Others: Git, Figma, RESTful APIs, Web Performance Optimization
- Backend: Node.js (Express.js)
- Databases & Caching: MySQL, MongoDB, Redis

Education

B. Tech - Computer Science & Engineering

Maharaja Agrasen Institute of Technology, Delhi | 2022-2026 | CGPA: 8.07/10

Projects

1. FlexShare - React.js, Node.js, Express, MongoDB, Cloudinary, Sharp, PDF-lib, Python, Docker (Live Demo)

File conversion and sharing platform supporting 10+ formats (PNG, JPG, WebP, GIF, PDF, Word, Excel, PowerPoint) with intelligent format detection, password protection, auto-expiry (1 hour to 1 week), download limits, real-time access tracking, QR code sharing, and dual sender/receiver interfaces with secure cloud storage.

2. InvisiCrypt (Phase 1) - C++, OpenSSL, CMake, Node.js, HTML, CSS, JavaScript, Docker (Live Demo)

Full-stack Cryptography + Stegnography app embedding encrypted messages using zero-width Unicode characters. Implements Caesar Cipher and AES/XOR encryption with a compiled core engine, RESTful API backend, and a responsive web UI supporting real-time hide/extract, file upload/download, and cross-platform deployment.

3. SoundNest - Next.js, TypeScript, Convex, Clerk, ElevenLabs, Gemini, Freepik (Live Demo)

AI SaaS podcast platform that converts text into multi-voice AI-generated podcasts, featuring podcast creation, discovery, community recommendations, social features (follows, comments, ratings), AI-generated thumbnails, advanced search/filtering, and a fully integrated admin panel.

4. CineSentiment(Training Project) – Python, Keras, TensorFlow, LSTM, StreamLit (Live Demo)

Built an AI-driven sentiment analysis agent using Python, TensorFlow/Keras, and an LSTM model trained on movie reviews, achieving high accuracy positive/negative classification with contextual inference. Deployed a streamlined Streamlit web app delivering fast, accessible, and user-friendly real-time sentiment predictions.

Training

From Learner to Builder: Become an AI Agent Architect – IBM SkillsBuild (July 2025 – August 2025) (Certificate)

Completed a one-month structured program on AI agents, covering 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.

SQL (Intermediate) Certification — HackerRank (Certificate)

Completed HackerRank's SQL (Intermediate) certification, showcasing competency in relational queries, aggregations, filtering, and multi-table operations.

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.

Uttkarsh Singh

+91- 9582 89958 | uttkarshsingh450@gmail.com | LinkedIn | GitHub | Portfolio | Leetcode | East Delhi, India

Summary

Full-stack developer skilled in JavaScript, React.js, Node.js, and C++. Experienced in building scalable applications, AI-driven platforms, and secure systems. Strong problem-solver with solid DSA fundamentals and hands-on experience across frontend, backend, and deployment workflows.

Skills

- Languages: JavaScript, C++
- Backend: Node.js (Express.js)
- Frontend: HTML, CSS, React.js, Tailwind CSS
- Databases & Caching: MySQL, MongoDB, Redis
- 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, Delhi | 2020-2021 | Percentage: 79.2%

Projects

1. InvisiCrypt (Phase 1) - C++, OpenSSL, CMake, Node.js, HTML, CSS, JavaScript, Docker (Live Demo)

Full-stack Cryptography + Stegnography app embedding encrypted messages using zero-width Unicode characters. Implements Caesar Cipher and AES/XOR encryption with a compiled core engine, RESTful API backend, and a responsive web UI supporting real-time hide/extract, file upload/download, and cross-platform deployment.

2. SoundNest - Next.js, TypeScript, Convex, Clerk, ElevenLabs, Gemini, Freepik (Live Demo)

AI SaaS podcast platform that converts text into multi-voice AI-generated podcasts, featuring podcast creation, discovery, community recommendations, social features (follows, comments, ratings), AI-generated thumbnails, advanced search/filtering, and a fully integrated admin panel.

3. CineSentiment(Training Project) – Python, Keras, TensorFlow, LSTM, StreamLit (Live Demo)

Built an AI-driven sentiment analysis agent using Python, TensorFlow/Keras, and an LSTM model trained on movie reviews, achieving high accuracy positive/negative classification with contextual inference. Deployed a streamlined Streamlit web app delivering fast, accessible, and user-friendly real-time sentiment predictions.

Training

From Learner to Builder: Become an AI Agent Architect – IBM SkillsBuild (July 2025 – August 2025) (Certificate)

Completed a one-month structured program on AI agents, covering 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.

SQL (Intermediate) Certification — HackerRank (Certificate)

Completed HackerRank's SQL (Intermediate) certification, showcasing competency in relational queries, aggregations, filtering, and multi-table operations.

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.