

Amar Singh Katiyar

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 LeetCode: [AMAR_14](#) |  HackerRank: [amarsinghkatiyar](#) |

SUMMARY

Motivated Computer Science and Engineering student with strong skills in Python, C, and C++. Passionate about software development, data visualization, and machine learning. Experienced in building projects like a Python-based AI voice translator and a resume builder web app. Proficient in data analytics and web development.

EDUCATION

2023 – 2027	B.Tech in Computer Science & Engineering , Maharana Pratap Engineering College, Kanpur	
	CGPA: 8.4	
2022 – 2023	Senior Secondary (Class XII), CBSE	93.8%
2020 – 2021	Secondary (Class X), CBSE	79.16%

WORK EXPERIENCE

Front-End Developer Intern, Pinnacle Labs	Mar 2025 – Apr 2025
– Developed a functional calculator web app with interactive UI and neon CSS effects. – Built a dynamic To-Do List application using JavaScript with DOM manipulation. – Gained experience in responsive design, Git version control, and UI/UX.	
Student Partner, Internshala	Jun 2024 – Aug 2024
– Represented Internshala on campus, promoting programs and initiatives. – Developed skills in business development, community management, and event organization.	

PROJECTS

AI-Based Voice Translator	GitHub Repo
Built a real-time voice translation system using Python that converts speech to text, translates it, and generates spoken output using SpeechRecognition, Google Translate API, and gTTS. Achieved 2-3s latency and reduced manual translation effort by 80%	
Personal Portfolio (React & Next.js)	Live Demo
Developed a responsive portfolio using React and Next.js to showcase projects and skills. Designed modern UI with optimized performance and structured project presentation for better recruiter engagement.	
Spotify Clone	Live Demo
Built a Spotify-inspired web application with interactive music controls using JavaScript. Implemented features like play/pause, track switching, and progress bar to enhance user experience.	
Interactive Music Player	Live Demo
Developed an interactive music player with dynamic audio controls and real-time UI updates. Focused on smooth user interaction and responsive design for an engaging listening experience.	

SKILLS

Programming Languages	Python, C++, C, JavaScript, SQL, Web Technologies (HTML, CSS)
Frameworks / Tools	NumPy, Pandas, Matplotlib, Jupyter, Git, Linux
APIs	Google Translate API, SpeechRecognition API, gTTS
Technical Competencies	Web Development (Responsive Design, UI/UX, Accessibility), Data Structures & Algorithms, Database Management, OOP, Data Analytics
Core/Soft Skills	Leadership, Team Collaboration, Presentation, Communication, Content Creation.

ACHIEVEMENTS & CERTIFICATIONS

- Code-O-Fiesta 2.0 (Qualified), SIH 2025 Internal Hackathon (Qualified).
- Runner-up, MPPI Hackathon.
- **NPTEL Certifications:**
 - The Joy of Computing Using Python — Elite badge (Top 2%).
 - Design and Analysis of Algorithms Using Python — Elite certificate.
- Young Turks 2025 Round 1 (Naukri Campus) — Secured 97.98 percentile. [Certificate Link](#)
- HackerRank Badges: Python (5★), SQL (5★), Problem Solving (4★); HackerRank Certifications: Python (Basic), Problem Solving (Basic), SQL (Intermediate).
- Additional Certifications: Python ML, AZ101: Master C++ for Data Structures and Algorithms, Data Visualization Using Python, Data Analysis Using Python, Google Cloud Arcade.