

ARPIT KAUSHAL

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Professional Summary

Electronics and Computer Science Engineering student with strong proficiency in Python, C++, JavaScript, and SQL. Solid foundation in Data Structures & Algorithms, and problem-solving. Experienced in developing scalable web applications and working with databases. Passionate about building efficient, real-world software solutions.

Education

Kalinga Institute of Industrial Technology	2022 – 2026
<i>Bachelor of Technology in Electronics and Computer Science</i>	<i>CGPA - 8.65</i>
Delhi Public School, Bokaro	2022
<i>Class XII</i>	<i>82.3%</i>
Chinmaya Vidyalaya, Bokaro	2020
<i>Class X</i>	<i>93.1%</i>

Experience

Kohli Media LLP Certificate	April 2025 – July 2025
<i>Web Developer</i>	<i>Remote</i>
- Built responsive web applications using HTML, CSS, and JavaScript. - Optimized UI performance and improved page load speed. - Performed debugging, cross-browser testing, and version control using Git in Agile workflow.	
TechnoHacks EduTech Certificate	May 2024 – June 2024
<i>Python Developer</i>	<i>Remote</i>
- Developed scalable Python applications using structured algorithms and optimized data processing techniques. - Enhanced performance through modular coding and optimization. - Conducted unit testing and debugging followed SDLC practices.	

Projects

The Social Media Studio Link
- Built Social Media Studio, an AI-powered platform to generate social media posts, stories, and carousels from simple text prompts. - Created a live editing studio with customizable layouts, fonts, and styling options. - Implemented AI-based content, image, and background generation using stock photo APIs and Stable Diffusion with robust fallback handling for reliable carousel creation. - Added high-quality PNG export and MongoDB-based session persistence features.
E-Commerce Website for Aavishkar Computers Link
- Designed a scalable and responsive e-commerce interface using HTML, CSS, and JavaScript. - Integrated dynamic product filtering and structured client-side rendering for efficient user interaction. - Accelerated application performance through layout optimization and efficient DOM handling.
Web Scraper with AI Chatbot Link
- Architected a Python-based automation system for structured web data extraction and transformation. - Enabled natural language querying by integrating an AI-driven conversational interface. - Reduced execution latency through multithreading and parallel processing strategies.

Technical Skills

Programming Languages: Python, C++, JavaScript
Fundamental Concepts: Data Structures & Algorithms, Computer Networks, DBMS
Web Development: HTML, CSS, React
Database: MySQL
AI/ML: Machine Learning, Generative AI
Tools & Platforms: GitHub, VS Code
Software Practices: Unit Testing, Debugging, Agile Methodology, SDLC

Extracurricular / Certifications

IBM Machine Learning Specialization – Coursera Certificate	June 2025
Reliance Foundation Undergraduate Scholarship	June 2023
Selected as Peer Mentor under the Reliance Foundation for technical and career guidance.	May 2024