

KUNAL KUMAR SINGH

Mobile: +91 7667285807
Email: skunalkumar759@gmail.com

Github: <https://github.com/kunalSingh026>
LinkedIn: www.linkedin.com/in/kunal-kumar-singh-a8491927b

SUMMARY

A dedicated Computer Science student with expertise in problem-solving and algorithm design. Enjoys tackling complex coding challenges and building scalable solutions using modern web technologies. Proven ability to learn quickly and adapt to new challenges, as demonstrated through competitive programming and hands-on projects.

EDUCATION

Bachelor of Technology in Computer Science and Engineering	Aug 2024 - 2027
Netaji Subhas University Jamshedpur	
Diploma in Computer Science Engineering	2021 - 2024
Government Polytechnic Kharaswan	

SKILLS SUMMARY

Programming: C, C++, JAVA
Web Development: HTML, CSS JAVASCRIPT, REACTJS
Framework: Django
Database: Oracle, MongoDB, Redis
Platform: Visual Studio Code, Figma

TRAINING

Goldman Sachs Software Engineering on Forage LINK	February 2025
- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements. - Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat. - Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.	
Accenture Data Analytics and Visualization Job Simulation on forage LINK	August 2024
- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture - Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions - Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders	
Tata Cybersecurity Security Analyst Job Simulation on Forage LINK	July 2024
- Completed a job simulation involving identity and access management (IAM) for - Tata Consultancy Services, collaborating with a Cybersecurity Consulting team. - Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.	

PROJECT

Movie Ticket Booking Site

Technologies: HTML5, CSS, Bootstrap, JavaScript

Description: Developed a responsive movie ticket booking platform that allows users to seamlessly browse, select, and book tickets for movies at their preferred locations. The site features an intuitive UI, real-time seat availability updates, and a structured movie listing with details on currently running and upcoming films.

Real Time Chatting Application

Technologies: ReactJS, MongoDB, Redis, WebSockets, Gemini (AI ChatBot)

Description: Currently developing a full-stack real-time chatting application with seamless messaging capabilities, optimized for performance and scalability. The platform will support instant messaging, AI-powered chatbot interactions, and efficient data handling using Redis caching.

CERTIFICATIONS

- Data Structures and Algorithms in Java** [LINK](#)
Certified in Data Structures and Algorithms in Java by Great Learning.
- OOPS in JAVA** [LINK](#)
Certified in Object Oriented and Programming by Great Learning
- Introduction to Vulnerability Management** [LINK](#)
Certified in Vulnerability Management by Security Blue Team
- Introduction to Network Analysis** [LINK](#)
Certified in Network Analysis by Security Blue Team
- Develop solutions with Azure AI Document Intelligence** [LINK](#)