

Resham

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EDUCATION

Quantum University <i>Bachelor of Technology (Computer Science & Engineering)</i> CGPA: 8.3	Roorkee, India 2022 – 2026
St. Mary's Academy <i>Class XII (CBSE) Percentage: 85.2%</i>	Sarsawa, India 2021 – 2022

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, Java

Libraries & Frameworks: Scikit-learn, Pandas, NumPy, Keras, YOLO, Transformers

AI & ML Domains: Machine Learning (ML), GenAI (LLMs, LangChain)

Web Development: React.js, Node.js, HTML5, CSS3, TailwindCSS, REST APIs, MongoDB, MySQL

CS Fundamentals: Data Structures & Algorithms (DSA), OOPs, DBMS, Operating Systems, Computer Networks

Tools & Infrastructure: Git, GitHub, Flask/FastAPI, Postman, Figma, Streamlit

WORK EXPERIENCE

Project Trainee <i>Defence Research and Development Organisation (DRDO)</i>	Jan 2025 – Present Delhi, India
<ul style="list-style-type: none">Engineered role-based authentication and secure protocols for defense-grade web applications.Developed microservices for real-time radar simulation and high-frequency data visualization.Optimized automated reporting workflows for geospatial datasets, reducing manual processing time.	

Web Content Intern <i>GAO Tek Inc.</i>	Aug 2024 – Oct 2024 Remote
<ul style="list-style-type: none">Optimized 100+ product listings for SEO using targeted metadata and keyword analysis.Certificate — Company Website	

PROJECTS

AlgoRecall	<i>MERN Stack, Redux, JWT, Tailwind CSS</i>
Built a full-stack DSA revision platform using spaced repetition, serving 20+ active users. Designed a customizable revision system (topic, company, difficulty) with 500+ problems logged and 100+ revisions completed. Implemented secure authentication and progress tracking using JWT, including daily streaks. <i>Demo Login:</i> reshamakhtar298@gmail.com — <i>Password:</i> 111111 Live — GitHub — Video Demo	
Movie Recommendation System	<i>Python, Streamlit, Machine Learning</i>
Built a content-based movie recommender using NLP and cosine similarity on the TMDB 5000 dataset. Integrated TMDB API for dynamic posters and deployed an interactive interface via Streamlit. Live — GitHub — Video Demo	
Portfolio Website	<i>React, Vite, Tailwind CSS</i>
Designed and deployed a responsive personal portfolio to showcase skills, projects, and achievements. Live — GitHub — Video Demo	

ACHIEVEMENTS

- Solved 821+ DSA problems on LeetCode; Global Rank 46,622 (Top 6%) with a 1561 contest rating. [\[Profile\]](#)
- Recognized as a Top 7 Finalist at the HackIndia Hackathon among state-level participants. [\[Proof\]](#)
- Secured 2nd Place at Genesis Idea Open House 2025 for startup project Reem. [\[Proof\]](#)
- Finalist at the Adobe India Hackathon for technical innovation and rapid prototyping. [\[Certificate\]](#)
- Certifications: HP LIFE AI Fundamentals ([Link](#)), Udemy SQL Bootcamp 20+ Hours ([Link](#)).