

Resham

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EDUCATION

Quantum University <i>Bachelor of Technology (Computer Science & Engineering) CGPA: 8.3</i>	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** MERN Stack, Redux, JWT, Tailwind CSS
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**.
Demo Login: reshamakhtar298@gmail.com — *Password:* 111111
[Live](#) — [GitHub](#) — [Video Demo](#)
- Movie Recommendation System** Python, Streamlit, Machine Learning
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** React, Vite, Tailwind CSS
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](#)).