Archit Agarwal

Bachelor of Technology
Computer Science Engineering
Graphic Era Hill University, Dehradun

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EDUCATION

Qualification	Institute	CGPA/Percentage	Year
Graduation	Graphic Era Hill University, Uttarakhand	8.81/10	2022 - 2026
Senior Secondary	Saraf Public School, Uttarakhand	91.8%	2021
Secondary	ST. Francis School, Uttarakhand	92%	2019

PROJECTS

- **OSimulate**
  Next.js 15, TypeScript, Tailwind CSS , Supabase [O]
  ◦ Built an open-source OS learning platform with animated algorithm visualizations.
  ◦ Built interactive simulators for scheduling, memory, and deadlock concepts.
  ◦ Integrated in-app notes for quick OS theory reference.

- **FormCraft**
  NextJs 14,typescript,PostgreSQL [O]
  ◦ A custom form builder using Next.js 14 and TypeScript for dynamic, real-time form generation.
  ◦ Built a drag-and-drop feature for easy form customization.
  ◦ Implemented secure links for public form access and data capture.

- **Pathfinding Race**
  HTML, CSS, JavaScript [O]
  ◦ Developed an interactive Algorithm Visualizer for BFS, DFS, Dijkstra's, and A* algorithms.
  ◦ Launched visualizations for pathfinding and graph traversal algorithms.
  ◦ Ensured accuracy and reliability with thorough testing and clear documentation.

ACHIEVEMENTS

- **Pupil on Codeforces**, **2-star on CodeChef**, and **Knight on LeetCode**.
- Ranked in the **Top 19%** in Codeforces Educational Round #154 (30,000+ participants).
- Secured **Global Rank 783** out of 19,000+ in a LeetCode contest; ranked in the **top 4.84% overall**.
- **Google Developer Group GEU (Co-Lead - Competitive Programming)**
- Secured a **top 80 position** in the **Google Cloud Study Jam**, gaining hands-on experience with cloud technologies.
- **Co-Dev Club**: Led **Arambh 2.0 & 3.0**, interuniversity CP events.

SKILLS

- **Coursework:** OOPs, DBMS & Operating System
- **Languages:** C/C++, Python, JavaScript , Typescript & SQL
- **Technologies:** React.js , Node.js , Express.js & Next.js
- **Tools:** VS Code, Git/Github, Jupyter & Sublime

LEADERSHIP & RESPONSIBILITES

- **Quasar 3.0 – National Hackathon (Mumbai)**
  Team Leader | Finalist
  ◦ **Led a team to the finals of Quasar 3.0 in Mumbai, driving collaboration and effective problem-solving at a national-level hackathon.**

- **Graph-E-Thon 2.0 – National Hackathon (Dehradun)**
  Team Leader | Finalist
  ◦ **Spearheaded a finalist team at Graph-E-Thon 2.0 in Dehradun, ensuring seamless teamwork and high-impact solution delivery.**