



Alan Sajith

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EDUCATION

Course	College / University	Year	CGPA / %
B.Tech (CSAI)	Netaji Subhas University of Technology	2027	7.04
AISSCE (Class XII)	The Indian School Bahrain	2022	91.8
AISSCE (Class X)	The Indian School Bahrain	2020	91.8

PROJECTS

- **OmniTutor AI | Google AI Exchange Hackathon** **March 2026 - Present**
 - Architected a cross-platform educational application utilizing **Flutter** and **Firestore** to provide real-time, personalized Socratic tutoring.
 - Integrated the **Gemini 1.5 Vision API** to process live camera feeds of handwritten STEM problems, engineering a custom system prompt that guides users to the answer.
 - Developed a multi-turn conversational interface featuring **real-time text streaming**, native **Text-to-Speech (TTS)**, and **Speech-to-Text** capabilities.
 - Designed and deployed a cloud-synced gamification engine in **Firestore**, tracking user XP, daily streaks, and learning milestones to increase retention. [GitHub](#)

POSITIONS OF RESPONSIBILITY

- **Web Development Mentor | DevComm Club** **September 2023 - Present**
 - Served as a Web Development Mentor at DevComm Club, supporting peer learning initiatives
 - Designed and delivered **learning sessions and coding workshops**
 - Encouraged collaborative learning through **code reviews and peer feedback**
 - Provided **one-on-one guidance** to help peers troubleshoot and improve code quality
- **Volunteer Fellow | Volship Fellowship (Volunteer for India)** **May 2024 – August 2024**
 - Selected as a Fellow in **India's largest volunteer leadership fellowship**, working on community-driven social impact initiatives.
 - Actively participated in **on-ground and collaborative volunteering activities**, contributing to programs focused on positive social change.
 - Demonstrated strong **leadership, teamwork, and commitment** while working with diverse volunteers across regions.
 - Recognized with a **Certificate of Appreciation** for exemplary dedication, consistency, and meaningful contribution to fellowship objectives.

TECHNICAL SKILLS

- **Languages and Programming:** C++, Python, JavaScript, SQL
- **Web Development:** HTML, CSS, React.js, Next.js, Node.js, Express.js, Tailwind CSS
- **Tools and Core CS:** Git, MongoDB, MySQL, Postman, VS Code, DSA, DBMS, OS, OOP, CN, Docker, Apache Spark

ACHIEVEMENTS / CERTIFICATIONS

- Certificate of Appreciation - [LinkedIn](#)
- Certificate of Completion (National Service Scheme) - [LinkedIn](#)
- MERN Stack Web Development - [Apna College](#)
- [Leetcode](#)- Rating: 1633