

SARTHAK ROY

Chennai, India

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EDUCATION

Master of Computer Applications, Vellore Institute of Technology, Chennai 2023 - 2025
CGPA: 8.16

Bachelor of Computer Applications, Amity University, Kolkata 2020 - 2023
CGPA: 7.67

Higher Secondary, Sudhir Memorial Institute, Kolkata 2020
Percentage: 69.4

SKILLS

Languages	C, Java, Python, HTML/CSS, Javascript, SQL
Technologies	Jira, Git, Cloud (AWS/GCP), Linux, Networking, Android (AOSP), Gerrit, MongoDB
Frameworks	React JS, Node JS, Flask

EXPERIENCE

Full Stack Web Developer Intern Jul 2022 - Aug 2022
ProGrad *Remote*

- Developed and implemented a range of APIs, successfully creating multiple projects utilizing the MERN stack (MongoDB, ExpressJS, ReactJS, and NodeJS). These projects involved designing RESTful endpoints, ensuring seamless data flow between the front-end and back-end, and optimizing database interactions.
- Completed the development of a To-Do List application as the Capstone project during the internship.

PROJECTS

To-Do List. Constructed a comprehensive To-Do List application by leveraging ReactJS for the frontend, NodeJS and ExpressJS for the backend, and MongoDB for the database.

American Sign Language Prediction. Engineered an application using Flask and Python to capture and predict American Sign Language, integrating a pre-trained model for precise gesture recognition and translation.

VOLUNTEERING

AOSP Community Developer Feb 2021 - Present

- Bringup the AOSP device tree for Realme C3/Narzo 10A and Motorola G54 5G, ensuring seamless integration and performance enhancements for these devices.
- Actively maintaining custom AOSP for Realme C3/Narzo 10A (MediaTek Helio G70) and Motorola G54 5G (MediaTek Dimensity 7020) and Redmi Note 10 (Qualcomm Snapdragon 678).

ACHIEVEMENTS AND CERTIFICATIONS

- Have Contributed to Realme, LibreOffice, ReactOS Opensource Github repository.
- Engaged in and spearheaded the development of an end-to-end AI product utilizing OpenWeaver AI Tools during the OpenWeaver Makeathon.
- Earned the Jira Fundamentals Badge from Atlassian University and the GitHub Foundations Certification from GitHub.
- Completed Google's Foundations of Project Management and Agile Project Management course on Coursera; acquired skills to manage projects using Agile methodologies and deliver high-quality results within tight deadlines.