

# ROHIN SRIVASTAVA

Flutter Developer | Software Developer | Competitive Programmer

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## EDUCATIONAL QUALIFICATIONS

2023	B. Tech in IT from Vellore Institute of Technology, Vellore	8.72
2019	Class 12 <sup>th</sup> CBSE - Study Hall Education Foundation, Lucknow	90.4%
2017	Class 10 <sup>th</sup> CBSE – Study Hall Educational Foundation, Lucknow	10 CGPA

## SKILLS

Data Structures and Algorithms | Flutter | C++ | Problem Solving | Dart | DBMS | Firebase | API Integration | OOPS | Prompt Engineering | Design Patterns | GoLang | Java | Microservices | NodeJS

## EXPERIENCE

**Company:** Amazon

**Role:** Software Development Engineer Intern (SDE)

**Duration:** 6 months (January 2023 – June 2023)

**Description** - Worked in the Alexa Skills Kit Development inside the Alexa. Worked on two projects -

- **Creating a Logging Library for the SDKs.** In this project I created a metrics collecting framework for the SDKs to help them log usage of SDK features. During the project I learned about Design Patterns like Singleton, Builder, Factory etc. I also learned Alexa's workflows and the life of an utterance.
- **Integrating LLMs into Alexa.** In this project I worked on integrating LLMs power and create wrappers around it for the SDKs. Worked on Knowledge Graphs and Prompt Engineering to create POCs for automating SSML generation. In this project I learned about Prompt Engineering and working with LangChains, OpenAI models.

**Company:** Ambher (College Start-up)

**Role:** Software Development Engineer Intern (SDE)

**Duration:** 3 months (August 2021 – October 2021)

**Description** – I was tasked to implement frontend design through Flutter and Dart. Converted Figma Designs to User Interface Widgets. Learned about custom Widgets. Learned about modularity and writing smaller codes. I was also tasked to integrate backend using Dart.

## PROJECTS

**Project Name:** Multi-Room Chatting App

**Description:** The project is a simple messaging app that provides users to have personal chatting rooms. The project is built using FlutterFire that is the integration of Flutter and Firebase. It included the use of Cloud Firestore. Learned about writing rules in Firebase and how to authenticate users using firebase.

**Project Name:** E-Commerce Shopping App

**GitHub:** [https://github.com/Rohinsri/Apps-Flutter/tree/Shopping\\_App](https://github.com/Rohinsri/Apps-Flutter/tree/Shopping_App)

**Description:** The project is a basic representation of an e-commerce shopping app that helps users buy products and helps retailers add products to the shop. Project is built using Flutter and Dart using Firebase as a Real-time Database. And learned about API Integration. Learned about using HTTP GET, PUT, POST methods and JSON documents.

**Project Name:** Meals App

**GitHub:** [https://github.com/Rohinsri/Apps-Flutter/tree/Meals\\_App](https://github.com/Rohinsri/Apps-Flutter/tree/Meals_App)

**Description:** This project is a simple project for displaying Menu of a restaurant. The aim of the project was to get a basic understanding of Flutter Frontend. The project is built using Flutter and Dart. Learned about Widgets and how to design Frontend for simple projects.

## CERTIFICATION AND ACHIEVEMENTS

- Data Structures and Algorithm Self-Paced Course from GeeksForGeeks.
- 5 Stars in C++ in HackerRank.
- 3 Stars in LeetCode. (Profile Link - <https://leetcode.com/RohinSrivastava/>)
- Coursera Certificate in Nanotechnology.
- Logistics and Purchase Head at Creativity Club of VIT Vellore. (Extra-Curricular)
- Sports Captain of Study Hall Educational Foundation. (Extra-Curricular)