

Name: ANKIT KUMAR YADAV

E-mail: ankit.kumar786359@gmail.com

Contact: 9340786359

To obtain a responsible and challenging position in a progressive organization, where my education will contribute effectively to the success of the organization and where I can refine up my knowledge and skills further.

Company Name	Joining Date	Experience	Technology
Scanno System Pvt Ltd	Jan-2021	Still working	C, C++, STL, Linux, IPC, Multithreading, Visual studio

Education Level	Board / University	Percentage
B.TECH	V B S Purvanchal University Jaunpur	68%
12 th	U.P. Board	84%
10 th	U.P. Board	78%

SN	Project	Description	Technology Used	Roles & Responsibility
1	Codec Development	Codec is used to encode and decode the speech in 3G protocol stack. This software is used to encode the speech in frame and finally decoded into synthesized speech. We develop Full Rate and AMR-WB codec as per 3GPP specification. This is useful application for security in 3G and beyond call flow. This application works in Passive, and Active mode.	<ul style="list-style-type: none">➤ C➤ C++➤ Linux	<ul style="list-style-type: none">➤ Implementation of AMR-WB Codec in Vocoder.➤ Design in UML and feature development in C, C++ and Linux➤ Bug fixing and unit testing for Codec

2	Transcription Service Component in Speech System	<p>Transcription service is a multithreaded application and one of the components of car navigation system which takes input text data like song name, artist name, album name for connected media device and contact name, phone name for connected phone device from the database created at runtime and generates the speech recognizable data in different languages for the speech recognition purpose. This requires thread safe programming as this component need to generate recognizable data based on users' interaction. For example, immediate processing is required when a user connects or disconnects a device as this changes the searchable context.</p> <p>Design Pattern and Data Structure Used: Tree data structure, SLAM speech search algorithm and Singleton design pattern for implementation</p>	<ul style="list-style-type: none"> ➤ C++ ➤ STL ➤ Windows ➤ Linux (Multi-threading) ➤ Data Structure 	<ul style="list-style-type: none"> ➤ Analyzing ➤ Designing (UMI design pattern) ➤ Developing ➤ Implementing ➤ Customizing
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Programming Language: C, C++, STL, multithreading, IPC, socket programming. DATA STRUCTURE, LINUX, PYTHON CLOUD

Scripting Language: Shell scripting, groovy scripting

Databases / RDBMS: MYSQL with DATA BASE DESIGN

Operating Systems: WINDOWS, LINUX

Interest Area DEVELOPMENT

- Ability to Work under Pressure.
- Discipline and dynamic.
- Sincere and honest.
- Interest in gathering knowledge about the technology and development related to job profile

Hobbies : Listening music and solving challenging
Languages known : English, Hindi

Place: Noida
Date:

(ANKIT KUMAR YADAV)