

Senior Software Developer seeking roles in Software Development, Project Management, Application Programming, Requirement Gathering, System Analysis, Technical Architecture, Agile Methodology, Data Management, GIT, Linux, C++



Current Designation: Senior Software Developer Total Experience: 4 Year(s) 9 Month(s)

Current Company: Scanno Systems Pvt Lmt Notice Period: 1 Month

Current Location: Delhi Highest Degree: M.Tech [Computers]

Pref. Location: Bengaluru / Bangalore, Chandigarh, Delhi / NCR Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Married

Key Skills: Senior Software Developer, Software Developer, Software Development, Project Management, Application

Programming, Requirement Gathering, System Analysis, Technical Architecture, Agile Methodology, Data

Management, GIT, Linux, C++

Verified: Phone Number | Email - id

Last Active: 18-Jan-21 Last Modified: 18-Jan-21

Summary

A highly motivated result-oriented software engineer having over 4 years and 9 months of invaluable experience in software industry. Skilled with hands on competencies in application development. Having excellent problem-solving skills, ability to handle complex assignments effectively. He is presently looking for a suitable opportunity position with a forward-thinking company where he can excel, deliver & achieve his potential.

Work Experience

Scanno Systems Pvt Lmt as Senior Software Developer Feb 2016 to Till Date

Project #1: DESIGN OF HCI LAYER OF BLUETOOTH PROTOCOL STACK

The objective of this project is to develop HCI Layer for establishing testability of both upper and lower, i.e. L2CAP and LMP, layers of Bluetooth protocol stack. HCI Layer is an intermediate layer between LMP and L2CAP layer. HCI takes command and data packets from L2CAP layer and transmits to host controller (LMP layer). Moreover, HCI receives events and data packets generated by the HCI Bluetooth Firmware device and send them back to the upper layer or raise specific event handling mechanism.

Development Environment

- Operating System LINUX
- Code Version Tools GIT
- Programming Language C++
- * Unit Testing GoogleTest
- * Role Developer
- * Team Size 8

Responsibilities

- * Requirement Gathering
- Design UML Cases and Development of modules
- Quality Process and Practices
- Peer Code Review, Writing Unit Test Cases and Documents Review
- * Development

Project #2: CODEC DEVELOPMENT FOR GSM

GSM Half rate codec is used to encode and decode the speech in GSM protocol stack. This software is used to encode the speech in frame and finally decoded into synthesized speech. We develop Half Rate, Full Rate, and AMR-WB codec as per 3gpp specification. This is useful application for security in GSM call flow. This application works in Passive, and Active mode.

Development Environment:

- * Operating System-LINUX
- Code Version Tools-GIT
- Programming Language--C and C++
- * Role-Developer
- * Team Size-7

Role and Responsibility:

- * Requirement Gathering
- * Design UML Cases and Development of Codec Module
- * Quality Process and Practices
- Peer Code Review, Writing Unit Test Cases and Documents Review
- * Development

Project #3: SPEECH RECOGNITION COMPONENT OF A CAR NAVIGATION SYSTEM

Description: PT compiler is a compiler for compiling the navigation data which helps prepare the text navigation data in a searchable format used by speech recognizer. Ability to parse the input data and create data in a searchable format for a speech recognition system requires considerations like different accents used by the user of the car navigation system, multiple names used for a same place.

Development Environment: C++, Linux, STL.

- Role and Responsibility
- * Requirement Gathering
- Design UML Cases and Development
- * Quality Process and Practices
- Peer Code Review, Writing Unit Test Cases and Documents Review
- * Development

Education

UG: B.Tech/B.E. (Computers) from Institute of Chartered Financial Analysts of India (ICFAI) in 2011

PG: M.Tech (Computers) from Thapar Institute of Engineering & Technology, Patiala in 2015

IT Skills

Skill Name	Version	Last Used	Experience
C++, C++11 (Modern C++)			
STL, Data Structure, Multi Threading			
IPC, Cmake, GoogleTest, GCC			
GDB, g++			
MS SQL SERVER			
Agile, Scrum, Test Driven Development			
git,github			
JIRA			

Languages Known

Language	Proficiency	Read	Write	Speak	
Laliyuaye	FIUIICIEIICY	IXeau	AAIIIG	Speak	

English

Affirmative Action

Category: General

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time