

Software Engineer 2 seeking roles in Software Development, Application Programming, Requirement Gathering, Business Analysis, Solution Architecture, Machine Learning, C, Data Structures, Algorithms, TCP/IP, TLS/DTLS



Current Designation: Software Engineer 2 -Software

Development

Current Company: Cisco Systems

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: c, C++, TCP/IP, Voip, L2, L3

Verified: Phone Number | Email - id

Last Active: 21-Jan-21 Last Modified: 20-Jan-21

Total Experience: 5 Year(s) 3 Month(s)

Notice Period: 15 Days or less

Highest Degree: M.Tech [Information Technology]

Summary

Result-oriented Professional with over 5 years of experience in Software Development, Application Programming, Application Maintenance, Requirement Gathering, Solution Architecture, Machine Learning, C, Data Structures, Algorithms, TCP/IP, TLS/DTLS.

Work Experience

Cisco Systems as Software Engineer 2 -Software Development Sep 2017 to Till Date

Currently part of ASR1k team

Working on Port channel traffic load balance enhancements and customer issue

Worked on REP feature enhancement

Hands on experience in debugging and providing solution in customer network issue

Added feature for switch in recovery mode part of stackwise virtual link to go for graceful reload and also nvgen config before reload.

Kodiak Networks as Software Engineer

Jul 2015 to Aug 2017

Worked on Kodiak inbuilt server simulator tool which will mimic the functionalities of a server, but more flexibility for user to decide the response for client request. It involved different http request parsing and creating response. Using PJSIP library for SIP message parsing from client and creating response for it. Creating and parsing different type of RTCP packets for call related purpose.

Used CyassI library to facilitate secure connection between simulator and app(TLS,DTLS) .DB encryption/decryption feature was also implemented.

Feature addition for JSON parsing and sending response in JSON format when client sends request for client version upgradate. Added functionalities for WebRTC client activation support, changes in SIP response messages according to WebRTC client requirement. Added feature support for receiving media through TURN server.

Added functionality for sending Apple push notification messages to KodiakPTT app running on device using curl with payload message encrypted using Aesencrypt .

Added automation feature for checking HTTP,SIP message request and response are as per requirement. Also for contact and group addition, deletion in DB.

Education

UG: B.Tech/B.E. (Electronics/Telecommunication) from Dhirubhai Ambani Institute of Information & Communication Technology in 2012

PG: M.Tech (Information Technology) from International Institute of Information Technology (IIIT), Bangalore in 2015

IT Skills

Skill Name	Version Last Used	Experience
С		
Data Structures & Algorithms		
TCP/IP		
TLS/DTLS		
ENCRYPTION		
Switches		
VOIP		

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Telugu				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time