

SivaSubramani T

Software Developer

Personal Profile

Developer in Zoho Meeting, which designs and develops audio & video conferencing and screen sharing conferencing solutions.

How to reach me

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Guduvanchery,
Chennai - 603 202

Sports & Interests

Swimming

Cricket

Throwball

Track Events

Professional Skills

Proficient in C/C++

Basic Knowledge in Java

Data Structures & Algorithms

WebRTC

FreeSwitch

Computer Networks

Scaling & Design Pattern

Spring Boot Basics

Linux

Audio Codecs

Educational Summary

B.Tech Chemical Engineering 80%
SSN College of Engineering
(2012-16)

Higher Secondary School (12th) 95%
Sacred Heart MHSS, Chennai
(2011-12)

Secondary School (10th/SSLC) 91%
Government HSS, Sholinganallur,
Chennai (2009-10)

Career Summary

Zoho Corporation

Member Technical Staff(Developer)
April 2018 to Present

- Familiar with open source SIP and have worked along with telephone providers.
- Worked on Screen sharing, Audio modules in FreeSWITCH and implemented own Media server.
- Developed Audio Fast forwarding and Modification tool in real time with RTP samples
- Experience in Jitter buffer Concept and Modified new protocols for team needs.
- Developed Audio transmission layer over Websocket.
- Have experience in developing real time communication tools
- Implemented RTP filter algorithm to detect packet loss and enable dynamic change of transmission.
- Converted video stream into Jpeg image for better Quality.
- Worked on VP8, VP9, Opus, H.264 codecs.
- Worked on Transport Layer protocols (TCP, UDP, WebSocket).
- Worked on various features in both Meeting and Webinar modules.
- Developed server monitoring tools.

Tata Consultancy Services

System Engineer
May 2016 to April 2018

- Developer in British Telecom project , which designs and develops tools for Internal Communication Media platform and Information Service solutions.
- Build a tool named as Piper to design the media platform.
- Experience in FTTP and Network profiles.
- Integrated tools with other sub modules.