

**Mohammed Faizal C**

**Qualification :** B.Tech. (Computer Science Engineering)

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**Professional Summary:**

Currently working as Tech. lead with **Wipro Technologies**. Having 6 years of experience as a software developer in the Homeware Telecom domain.

**Technical Expertise:**

- + Proficient in OpenWRT architecture.
- + Strong knowledge in Linux Application Development, C, C++, GUI Development (HTML, JS, CSS, Jquery), IoT Development(MQTT, AWS Lambda and Python) and Android Development(Android Studio and Flutter).
- + Operation Systems: Linux, Windows.
- + Working experience on Layer 7 Networking Protocols: HTTP, HTTPS, SIP, SDP.
- + Working experience on Voice Domain with VoIP Protocols and FXS devices on OpenWRT.
- + Packet sniffer Tools: Wireshark.
- + Hands-on knowledge on OLT Configuration with Revo and Nokia OLTs.
- + Basic understanding on Wireless LAN.
- + Aware of Networking features, Terminology and has Hands-on-experience on making network setups.
- + Rich experience in New Product Development, New Feature Development, Post Development Support and Maintenance, Field issues debugging and Porting.
- + Experience in Agile methodologies of software process model.
- + Excellent Communication, Interpersonal and Analytical skills.
- + Quick learning ability with proficiency in debugging and troubleshooting skills.
- + Received **Certificate of Appreciation** Award for dedication and services towards Technicolor Connected Home.

**Professional Experience:**

Customer: 1. Technicolor SA(2018 July to 2022 November)

2. Vantiva SA, Technicolor SA rebranded (2022 November to till date)

**1. Supported/Implemented for the Major implementations on multiple customer releases.**

<b>Description</b>	Includes supporting other team members to unblock and Implementation of Major Technical content needs planning and prior approval.
<b>Period</b>	2023 June to till date
	<b>Enhanced features as follows:</b>  a. Project Planning done in Voice, GUI and DM requirement for new customer as per the Customer requirement document to complete on targeted dates and proper content assigning.  b. Implemented Advanced GUI Features (GUI Translator) and Voice over IPv6 Feature.
<b>Role Responsibilities</b>	1. Should attend in technical discussion for the Major releases.  2. Guiding and mentoring, reviewing work of peer team-mates.
<b>Role</b>	Tech. Lead

**2. New GUI implementation, DMZ and Voice over IPv6 new feature and PBX Voice Feature enhancement**

<b>Description</b>	Implemented Major/Critical tasks blocking for releases.
<b>Period</b>	2021 December to 2023 June
	<p>New feature implementations were designed and brought.</p> <p><b>Enhanced features</b></p> <ul style="list-style-type: none"> <li>a. New GUI: Led team and implemented new GUI as per customer reference GUI provided and delivered within target date.</li> <li>b. DMZ and Voice over IPv6: Learned the existing implementation over IPv4 from end to end and implemented the same over IPv6.</li> <li>c. Voice feature enhancement– Modified SDP Protocol as per customer requirement.</li> </ul>
<b>Role Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Involved in requirement analysis, design, implementation and Bug fixing of the features implemented during the release.</li> <li>2. Guiding and mentoring, reviewing work of peer team-mates to achieve successful release.</li> </ol>
<b>Role</b>	Senior Project Engineer

### **3. Feature Enhancements and Bug Fixing in Homeware Gateway Product**

<b>Description</b>	Feature enhancements and bug fixing are done based on end customer requirements.
<b>Period</b>	2019 June to 2021 December
	<b>Major Contributions</b> <ul style="list-style-type: none"><li>a. Bug fixing and Story implementation in GUI and DM related issues in different variant of homeware gateway.</li><li>b. Guiding and mentoring junior team members in understanding the product design and assisted in fixing issues.</li></ul>
<b>Role Responsibilities</b>	Involved in bug fixing and supporting freshers in team.
<b>Role</b>	Project Engineer

**4. Development of IoT implementation for Homeware Gateway Product:**

Description	Project is for providing Demo for the Customer with IoT Features support using Mobile Application.
Period	2018 July to 2019 June
	<p><b>Major Contributions</b></p> <p>a. Implemented Android GUI pages as per the customer requirement.</p> <p>b. Implemented new Features as pushing notification of Missed call reminder of homeware Gateway to Mobile device.</p> <p>c. Implemented Lambda function and Shadows for the individual Gateway to support MQTT.</p> <p>d. Supported in fixing issues raised from customer.</p>
Role Responsibilities	Involved in code development and unit testing.
Role	Project Engineer

**EDUCATIONAL QUALIFICATION:**

CLASS / COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING
B.tech.(CSE)	Government Engineering College, Idukki	MG University - Kottayam.	2018

**Declaration:**

I, Mohammed Faizal C do hereby confirm that the information given above this is true to the best of my knowledge.

Place: Chennai.

Date: 05-02-2024

SIGNATURE:  
(Mohammed Faizal c)