ROHITASH KUMAR

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CAREER OBJECTIVE

Seeking to continue my professionalism, where my dedication, expertise and talent will definitely bring the organization a sharper edge within the industry. Aspire for a challenging role in IT Industry as Software Engineer to contribute to the company's growth, in turn ensuring personal growth.

EDUCATIONAL DETAILS

B.Tech in Electronics and Communication from Rajasthan Technical University In 2016.

SUMMARY

- Have 8 year of experience on C, C++,STL, multithreading, multiprocessing Socket Programming, IPC, Linux (Development, Build and Deployment)
- Have strong experience embedded systems, Automotive, Telematics, Middleware, Safe agile, RIL Android telephony and in developing middleware framework for CIVIC and Telematics Control Units like power state manager, Telephony, eSim, RFSD, CBD, cellular-radio-control, Lifecycle management Persistency etc.
- Hands on experience on SOME/IP , Thriftme ,TCP/IP , threads, Pipe, FIFO, Shared Memory, mutex, semaphore and other UNIX internals, Dbus and CommonAPI implementation.
- Have the exposure of LTE service development in IMS based networks.
- Familiar with object-oriented design and various design patterns.
- Knowledge of Qualcomm chipset and Samsung modem, RIL interface.
- Expert in development and debugging tools.
- Experience in working with Yocto build system and CMake, Make implementation.
- Experience in Agile model to drive the end-to-end release process - for multiple, weekly planned releases, and unplanned hotfix releases.
- Extensive market knowledge, keep client needs assessment aptitude, client focused approach that fosters trust and allegiance; highly trustworthy, ethical and discreet.
- Highly articulate, adaptability to situations, self-confidence, demonstrating exceptional relationship building, communication, decision making, analytical and interpersonal skills, Ability to quickly adopt new technologies and project environment.
- Reliable, resourceful, and efficient team player with excellent interpersonal skills.

PROJECT'S

Project1: Vehicle infotainment CIVIC – ivi-psm

Description: Power State Management (PSM) in IVI Systems ensures smooth transitions between states like Off, Ready, Partially Running, and Running. It responds to vehicle events—entry, exit, or remote access—and activates only essential services to save battery. Signals from hardware (e.g., CAN) trigger state changes, which are communicated to connected modules. Designed for flexibility, it supports OEM-specific logic and ensures safe service continuity during transitions.

Technology used: C++/11/14/17, Linux, pyhton, RoboFW , ETFW, Git, Wireshark, , TCU boards, DLT, Jira etc.

Responsibility : Code Analysis, Feature/Enhancement implementation, Code modification ,Defect Resolving ,Developer Testing/unit testing framework(gTest) /Integration testing and codesonar warning fix and guiding joiner developer as well.

Project2: Telematics Control Unit (Telephony)- WAVE HIGH,TCM2

Description: Immersed recently in the Automotive world and gaining experience on Automotive grade Telematics Control Unit Product. Working primarily on the NAD (Network Access Device) component. Working knowledge of interaction between Modem Processor and Application Processor on an embedded Linux environment. Worked extensively on IP Multimedia Subsystem (IMS) - VoLTE calls, Good understanding of EPC Architecture (4G) and LTE RAT Technology, esim

Technology used: C, C++, Linux, Git, Wireshark, , TCU boards, DLT, shannonDM tools Elvis, Jira.

Responsibility: 1. For TCU we developed eSIM ,NSSO,CBD,cp-thermal-app, nadService from scratch and introduced IMS ,LTE and NR in ofono.

2. Code Analysis, Feature/Enhancement implementation, Code modification ,Defect Resolving ,Developer Testing/unit testing framework(gTest) /Integration testing and codesonar warning fix.

Client: BMW, VOLVO.

PROFESSIONAL

1. Sr. Software Engineer Mercedes-benz India pvt ltd
   From Sept 2023 to till date.
2. Sr. Software Engineer HARMAN International pvt ltd.
   From April 2020 to Sept 2023.
3. Software Engineer – TeleDNA communication pvt. Ltd.
   From March 2019 to March 2020.
4. Associate Software Engineer – Huawei technologies pvt. Ltd.
   From Aug 2017 to March 2019.

DECLARATION

I hereby declare that the information given above is correct to best of my knowledge.

PLACE: BANGLORE ROHITASH KUMAR