

Moram Hemalatha

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EDUCATION

JNTU UNIVERSITY-ANANTAPUR

B.TECH IN ELECTRICAL AND
ELECTRONICS ENGINEERING

May 2021 | Gooty, India

College of Engineering

Gates Institute Of Technology

percentage- 71.0 First class

LINKS

LinkedIn://moramhemalatha

ORGANISATIONAL FACETS

- Having 3+ years of Professional Experience as Embedded System Android Sys Debug and validation Engineer.
- Developed custom components using Android Framework APIs.
- Modified Android Framework to integrate new system-level functionalities.
- Bug Reporting and Tracking tool JIRA.
- Proficiently involved in OI the development and debugging phases of Android operating system management projects.
- Proficient in utilizing version control tools such as GitHub, Gerrit, and Jira and Successfully integrated Android branches with the current running version of the client.

SKILLS

PROGRAMMING

Java (Object Oriented Programming)
Android Framework Development and
Android SDK Framework, Bluetooth
validation| Custom Views and Widgets.

TOOLS

JIRA | Git/Gerrit | Mobaxterm |
No-machine| Jenkins |GDB

HARDWARE PLATFORMS

SDM660 • Cypress

PROTOCOLS

UART • I2C • SPI

OPERATING SYSTEMS

Linux • Windows • Ubuntu

EXPERIENCE

**L AND T TECHNOLOGY SERVICES (LTTTS) | EMBEDDED HW - SW
ENGINEERING | SYS DEBUG ENGINEER AND ANDROID FRAMEWORK AND
VALIDATION ENGINEER**

Sep 2021 - Present | Bangalore, India

PROJECT 03-INTEL-GP(ANDROID OS IN AUTOMOTIVE) | Sys DEBUG AND FRAMEWORK ENGINEER

- Developed the test cases as Resolving issues in the below Google Test Suits:CTS,VTS,STS,ATS per the Requirement specification of Ilc.
- Raising Gerrit and pushing code the changes for review.
- Debugging issues in Wifi hal layer and upgrading wifi in every android release.
- Working in audio HAL upgradation and resolved in issues in audio.
- Worked in client components like graphics , audio, media and resolved many customer issues.
- Worked in ASB integration , build issues of android and used docker container to resolve issues in ubuntu22.
- Having sound knowledge in version controlling tools and have updated done mesa upgradation as in older version having some issues which helped in resolving in many graphics tests.

PROJECT 02-IVI- VEHICLE INFOTAINMENT SYSTEM- WI-FI | Sys DEBUG ENGINEER ANDROID FRAMEWORK ENGINEER

- Developed WI-FI based Android Application by using Android Studio.
- Debugged framework-level issues using ADB and Logcat, ensuring compatibility across multiple devices.
- Added features like visibility of 10 nearby devices of WI-FI Application.
- Testing and validating of WIFI Functionality in STA and AP mode.
- Raising Gerrit and pushing code the changes for review.
- Updating and tracking of tasks assigned on confluence page.
- Enabling Wi-Fi Security support in the board and verifying the changes.

PROJECT 01-MIB TEAM MEMBER- SONY MOBILES, INDIA | Sys DEBUG AND FRAMEWORK ENGINEER

- Investigated, analyzed, and resolved critical software issues and bugs in mobile handset projects. stable and reliable phone software by addressing and fixing bugs across various components including application layers, kernel, and frameworks.
- Collaborated with cross-functional teams to identify and address software performance and stability issues.
- Implemented and tested software patches and updates to enhance overall system reliability and user experience.

INFOTAINMENT | AUTOMOTIVE ANDROID FRAMEWORK AND DEVICE VALIDATION | INTEL

- Validated Automotive Device all domain test case.
- Sanity, Bluetooth, Wi-Fi, Multimedia, Applications.