**EDUCATIONAL QUALIFICATIONS:**

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| * **M.S in Mechanical Engineering**   Arizona State University, Tempe, AZ | May 2013  **GPA: 3.4/4** |
| * **B.E in Mechanical Engineering**   Osmania University, India | May 2009  **GPA: 3.8/4** |

**SUMMARY:**

* 6+ years experience in Automotive infotainment systems and mobile electronics
* Strong working knowledge of CAN communication protocol, Wireless Protocol and IoT
* Experience with automotive electrical systems, functional sub-systems
* Project handling experience with managing suppliers and engineers
* Experience with Design Failure Mode & Effects Analysis (DFMEA) and Design Verification Plan & Report (DVP&R)
* Strong knowledge in 3D modeling CAD tools & analysis
* Quality & Reliability experience at various stages of product development
* Excellent communication, project management, troubleshooting and teamwork skills
* PMP in progress

**TECHNICAL SKILLS:**

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| **Software Testing and Debugging Tools** | **:** Vector CANoe, ADB tool, NeoVI, DPS Tool, QXDM, RDX, ODIN, Wireshark, XCAL and Android CTS |
| **Mechanical** | **:** ANSYS, SolidWorks, Catia, Pro E Creo, |
| **Application software** | **:** C/C++, Python, MS- Office Suite, Visio, Adobe, JIRA, Sharepoint, IBM DOORS |

**PROFESSIONAL EXPERIENCE:**

**EE Radio Release Engineer (Contractor) at Fiat Chrysler Automobiles, Auburn Hills, MI June’17-To Present**

* Working with suppliers and other engineering areas to develop, and release NAFTA/EMEA/APAC variants of the infotainment systems with PHEV features, Audio/Sound features, Heavy Duty Truck features, Tire pressure sensor systems, ADAS, Bluetooth, Radio Reception testing (AM/FM/SXM tuner), Apple CarPlay, Android Auto and Telematics Connectivity Features
* Root Cause build issues found during pre-production builds and vehicle issues found during development and responsible for issue resolution prior to launch of the program
* Triaging with EE and Uconnect design release areas, vehicle team, labs, purchasing for feasibility and execute design changes for cost reduction without compromising of quality and customer experience
* Ensuring Quality & Reliability requirements are met at various stages of product development for multiple vehicle programs
* Managing module release activity (writing specifications, issuing engineering change notices, reviewing/approving DFMEAs)
* Work as interface between USA, EMEA and APAC teams for issue resolution and manage/support program launch and travel domestic/international plant locations as required.
* Reviewing core component technical specifications (CTS) for radio and sub components using DOORS.
* Issue creation, tracking and monitoring on GIMs, eCIMS and JIRA.
* Performing vehicle integration and E2E testing and validation

**Infotainment Program Manager at General Motors, Warren, MI May’16- June’17**

* Directing test plans and bench utilization based on specifications and standards for software testing of radios and infotainment units
* Managing a team of engineers for multiple validation labs, assigning duties and monitoring progress
* Creating Statement of Requirements (SOR), conducting technical reviews and analyzing project bids in collaboration with purchasing team to issue purchase order (PO)
* Reporting validation findings and escalate them to closure by bringing together key stakeholders for decision-making
* Collaborating and facilitating communication across engineering, design release, marketing and executive management to meet ambitious cost, schedule, and quality goals
* Facilitate team meetings, providing meeting schedules and agenda where needed
* Working closely with all stakeholders to plan schedules and milestones which integrate and align with overall vehicle program schedule

**BTI Solutions, Dallas, TX Nov’13-May’16**

**Multimedia Systems(Telematics) Validation Engineer at Hyundai Mobis, Plymouth, MI**

* Conducted automotive HMI, feature, system, Bluetooth, cellular, telematics, infotainment, navigation or component communication testing using CAN tools
* Executed tests using back-end cloud server to verify messages sent/received OTA to the HU
* Identifying production requirement or performance issues and negotiate with core design team for resolution
* Communicating with customer on design definition and creating system test plans based on specifications and standards
* Regression testing of new and existing product enhancements; utilizing bench top testers and vehicles
* Defect creation, clarification, logging using ADB and QXDM tools, retesting, and verification producing clear, accurate and reproducible defect assessments from which a Developer Engineer can resolve defects
* Participate in Design Reviews

**Staff Engineer II (Research & Development) at Samsung Electronics, Dallas, TX**

* Performing R&D, QA and carrier/operator requests, flashing software builds, performing regression, issue reproduction, iRAT and stress testing on devices to detect inconsistencies in handset data (3GPP, LTE) ,voice call performance, modem reception testing
* Executed end-to-end testing for VoLTE, CDMA-EVDO/LTE, FOTA
* Working with external sets of antennas to check the hardware performance of the devices
* Power consumption testing using Power Monitor tool
* Testing Android Compatibility Test Suite
* IOT Testing in carrier lab, Tri-band/FIT testing on field
* Compiling test results data and writing equipment engineering reports, test plans and follow up procedures to ensure the product compliance with GSM and CDMA standards for validating handset performance in live network environment
* Verifying device performance and effectiveness for custom Hardware and Software builds in pre-production design trials

**CERTIFICATION:**

* Industrial Automation with PLC’s at the Central Institute of Tool Design, AP, India