

Naga venkata durga sai Koppineni

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OBJECTIVE:

To be a part of an advance technology-oriented, creative organization, which gives me an opportunity to continue to get involved, understand and learn all aspects of developing a successful product.

PROFESSIONAL SUMMARY:

- Over 5 years of experience in automotive domain as HIL validation Engineer.
- Experience in Electric power steering and Instrument cluster products functional testing, requirement analysis, test cases design, script development and automation configuration setup.
- Expertise in Dspace tools (Dspace HIL, Automation Desk, Control Desk) and Vector tools(VT System, CANoe, CANape).
- Good Experience in HIL configuration setup, simulation, VT system hardware setup, CAPL scripting and panel designing.
- Experience in CAN, CAN FD and UDS Protocol.
- Experience on tools like Integrity, Doors, SVN, GIT, Confluence and JIRA.
- Good exposure in Embedded C, C++, and python programming languages.
- Good exposure in 8051 and ARM architecture.
- Strong interpersonal skills who works well independently and as a team.
- Expertise in troubleshooting technical problems and Possess outstanding communication & leadership skills that have been put to excellent use in resolving problems as well as promoting a positive work environment

EDUCATION:

- Post-Graduation Diploma in Embedded System Design from CDAC-Hyderabad in 2018.
- B Tech (Electronics and communications) from Swarnandhra institute of Engineering and technology, Narsapur affiliated to JNTUK with aggregate of 75% from 2014 - 2017.
- Diploma (Electronics and communications) from Col.D.S.Raju Polytechnic, Poduru affiliated to SBTET Hyderabad with aggregate of 86% from 2011-2014.
- Secondary School Certificate (10th grade) from S.K.S.M.Z.P.H Perupalem with aggregate of 84% in 2011

WORK HISTORY:

- Currently working as senior Engineer at ZF India, Hyderabad - Since Feb'22 to till now.
- Senior Research Engineer in Hyundai Mobis, Hyderabad form Apr'21 to Feb'22
- Research engineer in Hyundai Mobis, Hyderabad from Apr'19 to Apr'21.
- Graduate Engineer Trainee in Hyundai Mobis, Hyderabad from Feb'18 to Mar'19.

Technical Skills:

Programming Languages: Embedded C, C++, CAPL, CASL and Python

Protocols: UART, SPI, I2C, CAN, CAN FD and UDS.

HIL System: VT system, Dspace.

Tools: Automation Desk, Control Desk, CANoe, CANape, Doors, Integrity, JIRA, SVN and GIT.

Domain: Automotive.

On-Site:

Got opportunity to work with clients in South Korea for 6 weeks to develop cluster functional test automation scripts, worked under clients and implemented test scripts for various modules in cluster functional testing. Got excellent feedback from counterpart related to work done in South Korea.

PROJECT DETAILS:

Project: Cluster functional testing automation

Role: Team Member

Tools: CANoe, VISTA, GIT.

Hardware used: VT System (2004, 2820, 2848), Vector CAN interface (VN 1600 family).

Language: C, C ++ and CAPL.

Protocol: CAN and UDS.

Description: To design/ update the test scripts as per requirements, CANoe configuration setup, CAPL scripts implementation, scripts execution and capture the images of results to automate the functional testing activity.

Responsibility:

Designing/ updating test scripts, CANoe configuration setup and CAPL scripts as per requirements.
Designing GUI Panel and DB file modifications.

Project: Electric power Steering System testing.

Role: Team Member

Tools: Automation Desk, Control Desk, CANoe, CANape, Integrity, Doors, Jira and Confluence.

Hardware used: Dspace HIL, DS1006 and VX1000.

Protocol: CAN, UDS and XCP.

Description: Automation Development for Electric power steering System requirements.

Responsibility:

- Responsible for Requirement analysis, Test script development.
- Execution of scripts and report analysis.
- Root cause analysis of Issues and Bug reporting.

LEADERSHIP:

- Handled and managed team of 6 members as senior engineer from Feb'20 to Feb'22.

POSTIVE ASPECTS:

- Ability to work effectively within team as well as independently with good organizing skills.
- Sincere and Hard worker.
- Reduce repeated work with scripting skills.
- Ability to meet deadlines.

AWARDS AND ACHEIVEMENTS:

- Awarded Stellar for my work in year 2020.
- Received star performer award four times.
- Participated in tech day event conducted by Mobis and presented two presentations in the years 2019 and 2021 respectively.
- Conducted training on CANoe, CAPL and Panel designing for internal development program (IDP) in company.

PERSONAL DETAILS:

Date of birth: 17-04-1996

Passport: Available

Marital Status: Single

Nationality: Indian

Hobbies: Reading books, Playing cricket, Badminton, Volley ball and Farming during vacation.

Languages Known: English, Hindi and Telugu

Permanent address:

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Hyderabad, Telengana-500084.

DECLARTION:

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Place: Hyderabad

(K.N.V.D.SAI)