Shubhangi Singh Thakur

Software Engineer

To be involved in a work with complete Dedication and Determination where I can utilize my skills andknowledge efficiently for organizational growth.

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☐ 8055233701

📍 Bengaluru, India

SKILLS

C & C++   Linux

AVR Studio   CAN

SPI   I2C

Embedded C

MATLAB

Networking & Protocols

Microcontroller & Microprocessor

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Cooking   Travelling

Reading   Painting

WORK EXPERIENCE

Software Engineer
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03/2019 - 07/2020   *Bengaluru*

Summary

- Having professional experience in IT industry with knowledge in Development, Problem Solving, Unit Testing, Deployment.
- Strong analytical and problem-solving skills and ability to follow through with projects from inception to completion
- A diligent and honest individual, possess skills to cop up with pressure and work in dynamic environment.

ORGANIZATIONAL PROJECTS

SMART METRO, Amtrak
- Client : Train Control & Monitoring System (TCMS)
- Platform/Environment: Windows Platform, Test-Bench tool to execute tests
- Tools: NI Test Stand , Control Build
- Description: TCMS is the Control system which Commands and Monitors all the subsystems of a train such as Brakes, HVS, MVS, Doors, AIR, DRV, LIG CPL, etc. Assisting the Crew member of train by assisting on Commissioning & Maintenance, and by providing status and fault information and enabling built in test
- Responsibilities: High Level Testing (HSIT), Low Level Testing (Unit Testing), Integration Testing (VTD). Development of Test Cases and Test Procedures for Requirements for Unit Testing. Debugging hardware issue on test bench.

FTG
- Client : Airbus
- Tools: LDRA
- Description: FTG is an C919 aircraft which had modules namely,ccd,mkb,rcp and dcp. It mainly worked on rotary switch,quadrature switch devices etc.
- Responsibilities: Regression testing,writing of test cases, integration testing, documentation,Debugging and analysis of requires issues.

LCU 2.0
- Tools: LDRA
- Description:The LCU(Lock Control Unit)is a digital computing and communication module that functions as the master controller communicating with the Load Master Controls(LMC) and each restraint Network interface Module(NIM) via CAN bus.
- Responsibilities: Regression testing,analysing the code,Debugging and analysis of requires issues.

EDUCATION

CDAC
CDAC ACTS, Bengaluru

02/2018 - 07/2018

B.E
Shri Ramdeobaba College of Engineering and Management, Nagpur

61%

Diploma
Shri Datta Meghe polytechnic, Nagpur

72%