

AMRUTHA T M

Bangalore, India

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PROFESSIONAL SUMMARY

Worked as a software engineer in Continental AM since 2021 Nov to April 2023, it's a product based company here I worked under ADAS BU, I want to take care of both hardware and software based on the requirements. Also involved in testing of the development. I have strong technical/coding background in C++,Python, C.

PROFESSIONAL EXPERIENCE

Continental Autonomous Mobility,Bangalore, India.

Software Developer Nov 2021 - Apr 2023

- I was responsible for developing features as per stakeholder requirements
- Resolved number of issues with respect to the tool
- Development done in C++
- Resolved issue of multiple name displaying for same device with respect to tool
- Worked on an issue for the tool, where write access is not permitted for HRL131.
- Got a good experience on the overall software development cycle, software release cycle
- Provided Add-on feature for supporting multiple file flash
- Features like UDS Flash support which is project specific was provided
- Issues/problem reports related to CRC
- Flash failing and security access was addressed in my course of work here
- Flash optimization for LIDAR sensor ECUs
- Issue of Unique 8 byte data transfer in the tool.
- Have a knowledge using GIT, Visual studio
- System application development done using MFC

TECHNICAL SKILLS

Programming Languages: C++, C, PHP

Front-end: HTML5, CSS

Platforms worked on : Visual studio, MFC, Matlab, LaTeX

Ticketing/other tools: JIRA, DOORS, VECTOR CANeo

Communication Protocol: CAN, Ethernet, Flexray, UDS, TCPIP

Code Management: GIT hub

Operating Systems: Windows, Linux

Software Testing: Manual Testing

SOFT SKILLS

Communication

Leadership

Teamwork

Problem Solving

EDUCATION

M.Tech in Communication Engineering, APJ Abdul Kalam Technological University Grad.2021
CGPA: 7.64

BE in Electronics and Communication Engineering, Anna University Grad.2016
CGPA: 6.04

XII - Biomaths, State Board of Kerala 2012
Percentage: 70

X - Kerala State Board 2010
Percentage: 75

PROJECTS

M.Tech Project: Enhancement and Classification of X-Ray Images For Lung Disease Detection Using Deep Learning.

BE Project: Real Time Water Quality Monitoring Using IOT.

CERTIFICATES

- Completed CAREER SKILLS ONLINE COURSE from TCS ION
- Attended workshop on 'ETHICAL HACKING & CYBER SECURITY' from GEC Sreekrishnapuram Palakkad, Kerala.
- Diploma in Software Testing from Keltron Knowledge Center Trivandrum , Kerala

JOURNAL PUBLICATIONS

- Published a Journal titled "ENHANCEMENT OF X-RAY IMAGES FOR LUNG DISEASES DETECTION" International Research Journal of Engineering and Technology (IRJET), Volume 8 Issue 6, June 2021.
<https://www.irjet.net/archives/V8/i6/IRJET-V8I6701.pdf>