Dewal D. Ande   **Mobile: +91-8600155601**   **Email :**dewalande97@gmail.com

Career Objective :

 To obtain a creative and challenging position in an organization that gives me an opportunity for self- improvement and leadership, while contributing to the symbolic growth of the organization with my technical, innovative and logical skills.

Professional Experience :

- Having 4+ years of experience as **Embedded Development and Testing(verification and validation).**

- Currently Working as **Embedded Engineer** at **Hinduja Tech Pvt Ltd**

- Worked as **Embedded Software Engineer** at **Defense Research and Development Organization (DRDO),** Pashan**,** Puneas Subcontract employee from Ajeet Kumar Upadhyay During August 2021 to May 2022 .

- Worked as **Embedded Software Engineer** During January 2020 to July 2021 at EmbelTechnologies Pvt Ltd.

Summary:

- Experienced in software verification and validation.

- Solid programming skills in embedded C, C and python.

- Experienced in Tools like **Tessy , LDRA ,QAC Helix ,Polyspace ,JIRA, Parasoft, IBM DoorsNG, BitBucket ,STMStudio ,IBM Rhapsody, IBM DOOrsNG ,BamBoo**

- Knowledge of Coding Standards **MISRA C**.

- Worked on **Agile, V Model** Methodology

- Worked SDD review implementation using IBM Rhapsody

- Skilled in performing: **Unit Testing, Static Analysis and Regression testing**.

- Good knowledge Bug life cycle.

- Worked on **ASPICE** level3 process.

Technical Skills :

Programming Languages	C, Embedded C,python
Microcontrollers	Nordic CortexM4(nrf52832) , Ardunio Uno, PIC16 and ESP32

Simulators	MPlab, NIOS II IDE, Visual DSP, Embedded segger studio, Arduino IDE, Keil µVision, Code vision AVR
Operating Systems	Windows, LINUX
Data Base	MS Office 2003/2007
Testing Tools	Tessy, and LDRA Testbed , TBRun
Communication Protocols	CAN,UDS,I2C,SPI,UART.

Educational Details:

Course	University / Board/ Institution	CGPA/%
CDAC (Embedded System)	CDAC	70%
Bachelor of Engineering (Electronics and Telecommunication)	Government College of Engineering Chandrapur,Maharashtra . 2015-2018	9.2 CGPA
Diploma (Electronics and Telecommunication)	Nagar Parishad Polytechnic, Achalpur Maharashtra . 2012-2015	81.76%
sSecondary Education(SSC)	Maharashtra State Board of Secondary & Higher Secondary Education	80.36%

Projects:

Project #1   Client Location :Antolin

Lighting(AUDI,HONDA etc):   Duration: Sep 2023 to till

- **TestingTool**   :   **Tessy and QAC Helix**

- **Environment**   :   **MPLAB and IAR**

- **Role**   :   **Embedded Engineer.**

Responsibilities:
- SDD review with unit implementation of the project

- Configuration of project according to compiler.
- Statement coverage, Branch Coverage and MCDC.
- Defined and executed of test cases using the Tessy Tool(SWE4 Prcoess)
- Prepared Test case report for traceability
- Detecting and Reporting Bugs.
- Performed Regression Testing.
- Analyzed the MISRA violations.

Project #2   Client Location :Antolin

CEVT Automatic Door Motion: Duration: June 2022 to August 2023

- **TestingTool** : **Tessy and Parasoft**
- **Environment** : **Visual studio**
- **Role** : **Embedded Engineer.**

Responsibilities:

- SDD review with unit implementation of the project.
- Defined and executed of test cases using the Tessy Tool(SWE4 Prcoess).
- Prepared Test case report for traceability
- Detecting and Reporting Bugs.
- Performed Regression Testing.
- Violations and suppression review according MISRA C Standards

Project #3
ATM :

- TestingTool : **LDRA Testbed, TBVision, TBRun**
- Environment : **MPlab**
- Role : **Software Engineer.**

Description: ATM is embedded system which generates different firing signals according real timeEvents.

Responsibilities:

- Creating SUP Software Unit Test Plan.

- Defined the test cases according the SDD and code .

- Execution of test cases using LDRA

- Setting up MC/DC Coverage.

- Requirement Based Coverage Analysis, Structural CoverageAnalysis.

- Detecting and Reporting Bugs.

- Generate test results and test summery report

Project #4

WATER METER :

Controller   **:** Nrf52832(Nordic semiconductor)

- Role   :**Embedded Software Engineer.**

Responsibilities:

- ibeacon (bluetooth) transmitter

- Device name and Serial number are set for identification

- TX power set for range calculation

- Set advertising parameter and update data

- Real time clock (RTC)

- Pulse Count through edge detection of pin

- Power Consumption • Bluetooth Scanner(Receiver)

- Becaon received data send to Esp32 via UART communication.

Personal Information:

Gender   :Females

Nationality   : Indian

Languages Known   :English, Hindi, Marathi

I hereby declare that the above statements are true and complete to the best of my knowledge andbelief.

Date :-

Dewal D. Ande