**PRADEEP S**

To make a sound position in the corporate world and work enthusiastically as a team to achieve goal of the organization through devotion and hard work.

PHONE: (+91)8098420386                                                    EMAIL: spradeep0727@gmail.com

## CAREER SUMMARY

- Has 6 Years of Work Experience in **Embedded System - Android** with **HMI application Development** and End User Application of a bank Product **Finacle - Infosys.**
- Good in Developing **Embedded Applications, Android System HAL and Service .**
- Good in Developing **Middleware development**.
- Proficiency in Working with developing application using **C, C++.**
- Good Understanding in **OOPS** concepts.
- Having Good knowledge on **CAN, SPI** and **I2C Protocols.**

## WORK EXPERIENCE

### Currently working as a Lead Engineer BOSCH -Bangalore, From Jan,2022 till Present.

- **PROJECT TITLE**          : **Digital TV Integration for Infotainment on Android System**
- Role          : Developer.

**DESCRIPTION:**

The Digital TV Integration for Infotainment on Android System project involved the seamless incorporation of digital television functionality into an automotive infotainment system running on the Android platform. The primary objective was to enhance the in-car entertainment experience by enabling users to access and enjoy digital TV channels directly through the infotainment system

- **PROJECT TITLE**          : **lnfotainment - Embedded Middleware Development**
- Role          : Developer.

**DESCRIPTION:**

Developing Infotainment Middleware Application such as Zone Detect, Video Manager, HDMI for an embedded system involves creating a software layer that facilitates communication and integration between various components of an in-vehicle infotainment system. This project aimed to enhance the user experience and functionality of automotive infotainment systems by designing and implementing middleware that seamlessly connects hardware and software components

**ROLES AND RESPONSIBILITIES**

- ✓ Involved in Enhancement and Bug Fixing.
- ✓ Conducting profiling and performance analysis to identify bottlenecks and optimized middleware components for improved overall system performance.
- ✓ Design and write comprehensive unit test cases for the infotainment middleware.
- ✓ Collaborated with both junior and senior developers to mentor and guide them through the code review process

**Software Engineer in Infosys Endgeverve system -Bangalore, From Jan,2021 to Dec 2021.**

- • **PROJECT TITLE**      : **Finacle (core banking product)**
- • Role                : Developer.

**DESCRIPTION:**

Finacle is a core banking product developed by Infosys that provides universal digital banking solutions to banks. Finacle helps traditional and emerging financial institutions drive truly digital transformation to achieve frictionless customer experiences, large ecosystem play, insight-driven interactions, and ubiquitous automation.

**ROLES AND RESPONSIBILITIES**

- ✓ Involved in Bug Fixing and Enhancement.
- ✓ Involved in Verifying the Sql Queries by using Sql Developer.

**Embedded Developer in Logiczen-Thanjavur, From Feb 2020 to  Dec 2020.**

**ROLES AND RESPONSIBILITIES**

- ✓ Exceptional abilities in working with real-time embedded hardware systems.
- ✓ Involved in Feature Enhancements, implementation, and development on department-related issues in colleges.
- ✓ Conducting Technical Trainings and seminars on new involved topics for college students.

**Development Engineer in Multilink(Technology Development center)-Bangalore, From Oct 2018 to Jan 2020**.

- • **PROJECT TITLE**       : **HMI – Human Machine Interface Development**
- • Role                : Developer.

**DESCRIPTION:**

This project is a development of HMI Applications for Audio Head Units for Car.
HMI Project designs innovative Human Machine Interfaces for industrial applications. HMI Features implementation enhancement for Infotainment systems in automotive Head Units.
An HMI includes electronic components for signaling and controlling automation systems. Infotainment systems in automobiles that deliver entertainment and information content. Developing the HMI applications based on the customer Specifications.

**ROLES AND RESPONSIBILITIES**

- ✓ Support of HMI module enhancements based on requirements.
- ✓ Involved in Feature Enhancements, fixing bugs, and implementation-related issues.
- ✓ Involved in writing unit - Test.

## TECHNICAL SKILLS

- Languages        :C, C++
- Operating Systems   : Linux & Windows and RTOS.
- IDE's            : Visual Studio, VI, and Source Insight.
- Other tools        : Clear Case, Klocwork, Jira, Firestone, CVS.

## ACADEMICS

| | |
|---|---|
| 2015 – 2018 | **B. E:** Completed Bachelor's degree in **ELECTRICAL AND ELECTRONICS ENGINEERING** at **GOVERNMENT COLLEGE OF ENGINEERING, SALEM -636011,** affiliated to ANNA UNIVERSITY, CHENNAI with **7.19** Cumulative Grade Point Average [CGPA] |
| 2013 – 2015 | **DIPLOMA:** Completed Diploma Course in **ELECTRICAL AND ELECTRONICS ENGINEERING** at **SUDHARSHANA POLYTECHNIC COLLEGE, KALIPATTI** with **95.82 %** in April 2015. |
| 2011 –2013 | **HSC:** Completed Board education at **ST. XAVIER HIGHER SECONDARY SCHOOL, PURATHAKUDI** with**56.6%** in March 2013 |
| 2010 – 2011 | **SSLC**: Completed Board education at **GOVERNMENT HIGHER SECONDARY SCHOOL, PAITHTHAMPARAI** with **83.3 %** in March 2011. |

## PROFILE

| | |
|---|---|
| **Birth** | 17.07.1996 |
| **Gender** | Male |
| **Marital status** | Single |
| **Father** | Subramanian.V.M |
| **Mother** | Sumathi.S |
| **Nationality** | Indian |
| **Address** | 1/45,Pillaiyar Kovil Street,Valaiyeduppu(po) Musiri(tk),Trichy(dt) 621205,Tamilnadu |

## DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and brief.

DATE   :

PLACE:                                                                 (PRADEEP S)