

**Kasimanu Venkateswaramma**  
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## OBJECTIVE

To work in a team for an organization that provides a challenging and competitive environment, with single-minded devotion and commitment and to achieve results within a given time frame for the realization of the goals set by the organization.

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## PROFILE SUMMARY

- Efficient with respect to programming in C, Embedded C, C#, C++
- Hands on experience SPI, I2C, UART and other micro controller peripherals.
- Having basic Knowledge on TCP/IP, UDP.
- Working experience on Bug Fixing & Unit testing for C++ & C# based application program.
- Prepare unit test case, report, and unit test plan for releasing system testing.
- Ability to learn New Concepts, adapts to New Environments, plan and execute a given job to Perfection.

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## WORK EXPERIENCE

- Currently working as Software Engineer-1 in "TVM Signalling and Transportation Systems Private Limited", Bangalore from August 2021 to till date.

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## ACADEMICS

- BTech (ECE) from Santhiram Engineering College, Nandyal passed in the year 2019 having CGPA 6.9
- Intermediate from Narayana College, Kurnool in the year 2015 having 87%.
- SSC from Z.P.High School in the year 2013 having 92%.

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## TECHNICAL SKILLS

- Operating Systems: Windows
- Programming Languages: C, Embedded C, C++, C#.
- Development Tools: Keil, visual studio 2017, Eclipse, Linux
- Bus & I/O Standards: I2C, SPI, UART

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## PROJECTS: Interlocking Simulation Station (ISS) on Cloud

### Description:

ISS on cloud is an application logic testing environment on the internet cloud environment. ISS on cloud is used for testing the correctness of Boolean Logic loaded into the interlocking system. ISS virtually eliminates the elaborate requirements of EI hardware setup and manpower required for creating the test setup. ISS can also used as a training tool to learn and analyze the functionality of application logic design. The VDU software used at site can be directly connected to ISS and correctness of VDU can also be tested along with the application logic.

### Responsibilities:

- ✓ Detailed understanding of inputs and outputs.
- ✓ Getting idea of existing software program.
- ✓ Bug fixing and conducting development testing.
- ✓ Uploading source code, documents in server and conducting approval process for release.

**Environment:** Windows, Visual Studio 2017, C#, C++

**Declaration:**

I do hereby declare that all the information given above is true and correct to the best of my knowledge and belief.

**Place:** Bangalore

**Date:**

**Signature:**

K.venkateswaramma