

## NAVYA SRI ERAGAM REDDY

### System Software Engineer

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### Career Objective

To leverage my technical, analytical, and problem-solving skills in a challenging and dynamic environment, contributing to mutual growth and success while advancing my career within a reputable organization.

### Professional Summary

- **3 years of experience** as a **System Software Engineer** at American Megatrends Technology India Pvt. Ltd., Chennai, with hands-on expertise in C programming.
- In-depth knowledge of **IPMI, SNMP, LDAP, KVM, and Networking modules**.
- Experienced in **Firmware Development** for **Baseboard Management Controller (BMC)** based on **IPMI 2.0** specifications, enabling remote server management.
- Strong technical proficiency in **C programming** and **Linux system programming**.
- Skilled in working with **Genoa, Turin, Intel, and AMD** platforms, specifically tailored for **Fujitsu** clients.
- A competent IT professional known for effectively working both independently and collaboratively in dynamic environments.

### Professional Experience

#### System Software Engineer

**American Megatrends Technology India Pvt. Ltd.**

*July 2022 – Present*

*Project Name: MegaRAC SPX*

*Client: Fujitsu*

#### **Project Description:**

Worked on integrating core-specific features and the BMC code base into customer platforms, providing support and customization of OEM features based on customer requests. Involved in label updates, bug fixing, and working on modules related to LDAP, Networking, and Media.

## Responsibilities:

- Resolved **LDAP-related issues**, including troubleshooting OpenLDAP with SSL and addressing login issues for Intel and AMD platforms.
- Addressed **CAS issues** specifically for AMD.
- Worked on resolving **H5viewer, Jviewer, and KVM** related issues for Intel platforms.
- Fixed **SNMP issues**, such as displaying SNMP community names for AMD platforms.
- Contributed to the **design, development, and bug fixing** of customer-specific modifications.

## Technologies & Tools Used:

- **Programming Languages:** C
- **Operating Systems:** Ubuntu, Linux

## Skills

- **Programming Languages:** C, Data Structures, Basics of C++
- **Version Control Systems:** SVN, GIT
- **Development Tools:** Vi Editor, GDB, VS Code, Eclipse, AMI MDS
- **Operating Systems:** Ubuntu, Linux
- **Platforms:** Linux-based systems, Fujitsu-specific platforms (Intel, AMD)

## Academic Qualification

**B.E in CSE from SVS college of engineering, Coimbatore, with an 89% aggregate.**

## Personal Information

|                 |                                    |
|-----------------|------------------------------------|
| Address         | : Mittamadi street proddatur, A.P. |
| Date of Birth   | : 9th August, 2001.                |
| Languages known | : English, Telugu, Tamil.          |
| Nationality     | : Indian.                          |

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