

# SRI DEVI MUVVA

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## PERSONAL SUMMARY

Highly motivated **Software Engineer** with hands-on experience in **backend and frontend development, cloud deployments, and CI/CD pipelines**. Proficient in **C, C++, Python, SQL, and cloud technologies** with a strong foundation in **operating systems, memory management, and networking**. Adept at collaborating in **Agile teams** to deliver scalable, reliable solutions. **F1-OPT authorized** (STEM eligible) – work eligible in the U.S. for **3 years without sponsorship**. Passionate about building cross-platform applications and contributing to high-impact products.

## TECHNICAL SKILLS AND COMPETENCIES

- **Programming Languages:** Python, C, SQL, HTML, CSS, JavaScript
- **Cloud & DevOps:** AWS Cloud Services, Jenkins, CI/CD, Docker, Kubernetes, Git, GitHub
- **AI & Data Science:** Basics of Machine Learning, AI Concepts, Data Processing (Python)
- **Business Intelligence Tools:** SAP, SaaS (for data analysis & BI decision-making)
- **Operating Systems:** Linux (Command Line), Windows
- **Project Management Tools:** JIRA, Confluence, Sprint Planning
- **Soft Skills:** Analytical Problem-Solving, Critical Thinking, Communication, Teamwork
- **Productivity Tools:** Microsoft Excel, Word, PowerPoint

## WORK EXPERIENCE

### PERSISTENT SYSTEMS

#### Software Engineer

12/2022 to 07/2023

- **Implemented** CI/CD pipelines using **Jenkins, Docker, Kubernetes**, improving deployment speed & scalability.
- **Managed** patching & server integration for IQVIA clients, boosting **application reliability by 20%**.
- **Streamlined** workflows via **JIRA & Confluence**, enhancing sprint planning efficiency.
- **Collaborated** in a Git-based version control environment for seamless team integration.

### PERSISTENT SYSTEMS

#### Angular Developer

06/2022 to 12/2022

- **Optimized** frontend performance, achieving **20% faster load speed**.
- **Developed** responsive UI components using **Angular, HTML, CSS, JavaScript**.
- **Improved** development turnaround time by **20%** through agile collaboration.

### PERSISTENT SYSTEMS

#### Intern

02/2022 to 07/2022

- **Coded** in **Python** and **Angular**, writing optimized **MySQL queries**.
- **Assisted** in data processing & system optimization, contributing to feature enhancements.
- **Supported** tool improvements in collaboration with team leads.

## EDUCATION

### MASTER OF SCIENCE: INFORMATION SCIENCE AND TECHNOLOGY

05/2025

#### Missouri University of Science And Technology, Rolla, MO

- 3.5/4 GPA
- Coursework in Data Science, Use of Business Intelligence, Cyber Security

### BACHELOR OF SCIENCE: ELECTRICAL AND COMMUNICATION ENGINEERING

06/2022

#### Sreyas Institute of Engineering And Technology

- 3.4/4 GPA
- Course Work in Embedded Systems, Python, C, Database Management Systems.

## PROJECTS

### Deep Food – Food Image Classification (Python, TensorFlow, CNNs)

- Built and trained a **deep learning model** to classify food images into categories using CNNs.
- Applied **data preprocessing and augmentation** to improve accuracy and robustness.
- Achieved strong classification performance and visualized results with **Python libraries (NumPy, Pandas, Matplotlib)**.

## CERTIFICATIONS

Microsoft Azure: [https://www.credly.com/badges/79a2fd26-1e3d-404b-bd62-72ca8e19c27a/public\\_url](https://www.credly.com/badges/79a2fd26-1e3d-404b-bd62-72ca8e19c27a/public_url)