

SRINIVAS VISHNU VARDHAN, PASUPULA

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Hyderabad

SUMMARY

- **6 years** of experience as a C/C++ software developer.
- Developing SiL software in ZF Middleware project, following **ASPICE framework**.
- Followed **agile method** of development throughout my career.
- Experienced in collaborating with multi-national team mates to develop software projects.
- I have experience working on all stages in **V-model Software Development Life Cycle**.
- Passionate to learn new technologies, I am currently learning **front-end technologies** such as React, HTML, CSS and JavaScript and also dabbling with AI/Machine Learning.

TECHNICAL SKILLS

Programming Languages	Scripting languages	Front-end languages	Database technologies	Tools / Frameworks / Applications
C, C++, Python, Java, CUDA C	Python, Shell, MATLAB	HTML, JavaScript, CSS	SQL (IBM DB2, MySQL)	Docker, CI/CD (Azure and Jenkins), React, React Native, TensorFlow, and scikit-learn, ROS.
Skill levels: Advanced , <i>Intermediate</i> , Basic				

WORK EXPERIENCE

ZF Technology Center

Tech Lead

September 2018 to present

Hyderabad, India

- As a **Product Owner**, designing and developing SiL software applications following **ASPICE framework**.
- Using **C/C++**, I have implemented Simulation counter parts for the hardware components (ex. camera).
- Using **Socket Communication protocols (TCP and UDP)**, implemented **C/C++** applications that send and receive large amounts of data (image, audio, sensor signals).
- Implemented Unit Tests using Google Tests.
- Implemented tools and code generators using **Python** to improve the developer productivity.
- Implemented **CI/CD** pipelines in both **Jenkins** and **Azure** environments.
- Encouraged and trained colleagues and team mates to use **Conan** (<https://conan.io>), a C/C++ package management tool.
- Developed an **eclipse plugin** for Conan.

ASML

Embedded Software Design Engineer

November 2016 to August 2018

Veldhoven, The Netherlands

- Developed embedded software libraries using **C/C++**.
- Using **Python** and **Google Test** framework, implemented **unit tests** and improved test software coverage for legacy code.

Net.Orange

Software Engineer

June 2012 - June 2014

Hyderabad, India

- Did Full-Stack development. Developed back-end (services and database) using **JavaEE**, **MySQL** and developed front-end using **Adobe ColdFusion**.

EDUCATION

Masters

Embedded Systems

Technical University of Eindhoven, The Netherlands

2014-2016

B.Tech

Electronics and Communication Engineering

Jawaharlal Nehru Technological University Hyderabad, India

2008-2012

ACHIEVEMENTS/AWARDS

- Stood among the top 20 teams in IBM's web application development competition in 2010.
- Got Rockstar award at ZF for my work on C/C++ package management and Eclipse Plugin development in 2020.

OTHER SKILLS

Software/Tools Enterprise Architect, Code Beamer, Jira/Bitbucket, Inkscape, Latex, Microsoft Word, Excel, and PowerPoint.

Languages English: *Professional Proficiency*. Kannada, Telugu: *Native*. French (currently learning): *Very Basic*.