

Vivekananda Varma Doddipatla

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Objective

An enthusiastic professional seeking a challenging and rewarding career opportunity to fully utilize my skills, while making a significant contribution to the success of the company.

Professional Summary

- A professional career around 2 years 10 months of experience in design, development and implementation of new features in web UI & Platform end.
- Experience in all phases of software development lifecycle from requirement gathering, document preparation, coding, testing and release.
- Experience in implementing web application using HTML5, CSS, JSON, JavaScript.
- Working Experience with version control tools like GIT, IBM ClearCase (Obsolete).
- Experience in creating database schema and writing SQL queries in Oracle Database (in UG).
- Experience in deploying application on different environments in Open stack.
- Collaborated with developers and product owners to stay current on product features and intended functionality.
- Experience of working at both client and vendor organizations, resulting in enriched vision for the projects and skillful ability to understand the client and vendor expectations to drive projects towards success.

Technical Skills

- **Web Technologies** : JavaScript, HTML, Bootstrap, JSON, CSS.
- **Programming Languages & Technologies** : Python, C-programming, Data Structures, OOPS, Core Java.
- **Cloud Technologies** : Open Stack.
- **Version Controls** : GIT, ClearCase.
- **Editors & IDE** : Atom, Notepad++, PyCharm.
- **DBMS** : Oracle.
- **Learnings** : Django, OpenCV, Pandas, matplotlib.

Professional Experience

- Working as Software Engineer at Wipro limited (**July, 2018 – Present**).

Projects

Project 1

April, 2021 - Present

Software Engineer, USP & RCM automation

- ✦ **Title:** Ultra Services Platform & RCM automation.
- ✦ **Role:** Software Developer
- ✦ **Tools & Technologies:** Python, RHEL 7.9, Opens Stack, Kubernetes, NFV Orchestration, VIM editor, Shell Script.

✦ **Description:**

- The USP is a complex Virtual Network Function (VNF) conforming to the European Telecommunications Standards Institute (ETSI) Network Function Virtualization (NFV) and NFV Management and Orchestration (MANO) specification.
- The Ultra Services Platform (USP) is a 5G-ready virtual mobility network platform that provides a robust and highly scalable architecture that can quickly deploy mobility services across a distributed network in a virtualized environment
- It is developed and deployed on Open Stack which was IaaS. One of the client was T-Mobile.

✦ **Responsibilities & Experience :**

- Worked on RCM (Redundancy Configuration Management), which involves in automating services to trigger config push using pyATS.
- Involved in daily stand-up call proactively updating the progress and providing suggestions to improve the quality of the solution.
- Creating functional requirement document and execution of the change request in the application.
- Responsible for customer bug fixes using python, building, and integrating ISO image and deployment on OpenStack.
- Having exposure on NFV Framework, currently pursuing the work flow on it.
- Application health monitoring and bug fixing during support tenure.

Project 2

July, 2018 – March, 2021

Software Engineer, IE1000

- ✦ **Title:** Cisco Catalyst Rugged Series Industrial Ethernet Switches.
- ✦ **Role:** Software Developer
- ✦ **Tools & Technologies:** C – Programming, Data Structures, Python, HTML5, JavaScript, CSS, JSON, Shell Script, GIT, ClearCase, Hiawatha Server, OSI layers, cURL, Networking, L2 Switching protocols (DHCP, IPV6 config, SNMP...etc), RHEL 7.7, VIM editor.

✦ **Description:**

- The Cisco's Industrial Ethernet (IE) 1000 Series Switches are compact rugged switches aimed at Operational Technology (OT) users with limited IT network knowledge.
- The IE 1000 Series Switches provide an easy transformation from the legacy factory to digital solution. For machine builders and Machine-To-Machine (M2M) solutions, it is an attractive entry level product as a GUI-based, lightly managed switch.
- The Cisco IE 1000 Series Switches complement the current industrial Ethernet portfolio of related Cisco industrial switches, such as the Cisco IE 2000, IE 3000, IE 4000 and IE 5000 Series managed Switches.

✦ **Responsibilities & Experience:**

- Involved in the requirement gathering phase for new change request in the software.
- Rapid at RCA and fix the customer issues with optimistic solution, most used technologies are C, JavaScript, Python.
- Having good knowledge on L2 protocols used in IE1000 and hands-on in switch CLI.
- Developing software front-end using HTML, JavaScript, JSON RPC and integrating backend which was written in C using Data structures.
- Responsible for providing effort estimation to meet deadlines
- Played a key role for the successful completion of 1.9.0, 1.9.1 release for IE1000.
- Developed automation scripts using pyATS.
- Implemented IPv6 accessibility to switch, using Data Structure in C, HTML, JavaScript technologies on classic IOS(Cisco proprietary) platforms.
- Better hands-on in Linux, used to develop shell scripts to optimize manual work.
- Having good exposure and hands-on in versions controls like GIT and ClearCase.

Tech Communities & Git-hub profile

- ✦ **Hackerrank** : <https://www.hackerrank.com/varmavivek12>
- ✦ **TechGig** : <https://www.techgig.com/vivekvarma6>
- ✦ **GitHub** : <https://github.com/vivekvarma12>

Academic Qualifications

Degree	Year	School/ College	Percentage/CGPA
Bachelor of Technology, Computer Science and Engineering	2014-2018	Vel Tech University, Chennai	8.56/10
Senior Secondary (10+2)	2014	Sri Chaitanya Jr college	90.9%
Secondary (10)	2012	Bhashyam Public School (SSC)	9.5/10

Personal Profile

Date of Birth : 07 December, 1996
Languages Known : Telugu, English, Hindi.

Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge