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## VINAY VIVEKANANDA

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### SUMMARY

- Full Stack Developer with overall 9+ years of experience in software Development.
- Experience in developing projects from scratch and involved in all stages of SDLC.
- Quick learner, can learn any new languages, tools or technologies and start working on it very quickly.
- Proven track record of ability to take ownership of project components and deliver it timely.
- Good team player, can involve in project discussions and provide valid feedbacks.

### PROGRAMMING LANGUAGES AND TECHNOLOGIES

- Java, Python, Typescript, JavaScript, HTML, CSS, SQL, etc.,
- Angular 2+, Docker, jQuery, RabbitMQ, NodeJS, Express, Java Spring Boot, etc.,
- VMware - Clarity Design System

### EMPLOYMENT AND PROJECTS

#### Senior Member of Technical Staff

#### VMWARE

Mar 2015 - Present

- vSphere Web Client
  - Currently part of the vSphere Web Client platform development team, responsible for providing generic API and components for different domain teams to enable them to be able to develop functionalities faster and provide consistent UX.
  - Tools:** Java (Spring Boot), Angular 2
- Amazon RDS on VMware
  - Responsible for building RDS monitoring capability by providing functionalities similar to AWS cloudwatch (UI and API) using vRealize Operations Manager as a platform.
  - Tools:** Java (Spring Boot), Angular 2 +, AWS, vSphere, HTML, CSS, Typescript, Clarity Design System, Docker
- vRealize Operations Manager (vROps)
  - Designed and Implemented vROps Tenant App for vCD (Multi Tenant UI for vCD Service Providers using vROps as Platform).
  - Tools:** Java (Spring Boot), Angular 2 +, AWS, HTML, CSS, Typescript, Clarity Design System, Docker
  - Developed and delivered several upgrade patches for vRealize Operations Manager (vROps) product.
  - Implemented vROps Management Pack for vSphere Integrated Openstack (VIO), which can monitor the health and inventory of Openstack using vROps. Also responsible for developing and maintaining vROps Management packs of different enterprise products like vCloud Director, NSX, AWS, Azure etc.
  - Tools:** Java, Python
- STIG-Compliance (Open Source - VMware Fling)
  - Designed and Implemented a full stack Web Application which can be used to access and remediate servers for security vulnerability based on STIG and Openscap.
  - Tools:** Java, Python, JSON, Shell script, HTML, CSS, jQuery, Docker

#### MTS - Intern

#### VMWARE

Jul 2013 – Jul 2014

- Designed and Implemented centralized and highly scalable solution to orchestrate (Install/Patch/Purge) Software Components in cloud virtual machines. ( Patent Granted - US9785426B2 ).  
**Tools:** Python, RabbitMQ, Shell Script.
- Implemented vROps Management Pack for vCloud Director, which can monitor the health and inventory of vCloud Director using vROps.  
**Tools:** Java, Python

## Systems Engineer

## SIEMENS

Jul 2011 – Aug 2012

- Part of internal Tools team, responsible for developing web based internal tools for maintaining Employee database (*Scepter*), projects timesheet tracking tool for agile based projects (*Sprintster*), Code changes tracking tool so that peers can review (*Revino*) and a tools to track bugs in the projects (*Bugster*).

**Tools:** C#, ASP.NET, MS SQL, JAVASCRIPT, HTML, CSS.

## EDUCATION

- Master of Technology (M.Tech) in Information Technology, RVCE Bangalore, 2014, Percentage: 78.33%
- Bachelor of Engineering (BE) in Electronics and Communication, SSIT Tumkur, 2011, CGPA: 9.34

### Projects:

- “Autonomous Amphibious Robot for Surveillance using FPGA”. This vehicle will find a place in the defense sector where there is a need for continuous monitoring especially in areas of insurgency from the sea.

**Tools:** FPGA, Verilog

## PATENTS

- Methods and Apparatus to Manage Application Updates in Cloud Environment (*Issued* - [US20160246586A1](#) - Oct - 2017).
- Upgrading Customized Configuration Files (*Issued* - [US20180088971A1](#) - Jun - 2019).
- Applications discovery based on file system directories (*Issued* - [US20200183719A1](#) - Nov - 2021)

## ACHIEVEMENTS

- Runner Up Borathon - May - 2018  
( **Flow Based Programming For IoT** - UI tool for IOT Architects to design the IOT Solution )
- Selected for Short Presco VMware RADIO - 2016 ( STIG - Compliance )
- Regular participant in Hackathons.