

# MANUKUMAR K M

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## Objective

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To peruse a challenging career as a developer where my skills and abilities can be used towards the development of your organization and a congenial environment to enhance my potential.

## Professional Summary

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- Broadly skilled enterprise/web application developer with over 7 years of professional experience in designing, developing, and maintaining enterprise applications in Network(NMS) and Cloud computing(PAAS,SAAS) , travel domains.
- Experience in Algorithm and data structure, Core Java and j2EE.
- Specialized expertise in java enterprise applications (JEE) development using Spring, Hibernate,JPA frameworks , Soap & Restful micro Service Development.
- Having good experience in virtualization and cloud computing(SAAS and PAAS)
- Excellent analytical and verbal communication skills and good team player.

## Work Experience

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- Working as Senior Software Engineer with **Amadeus Software labs R&D Pvt Ltd.** (2018-till date)
- Worked as System Engineer with **Deloitte consulting US India pvt ltd**, Bangalore. (2016 – 2018).
- Worked as R&D Software Engineer with **Huawei technologies R&D India pvt ltd .** Bangalore. (2014 to 2016)

## Skills

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<b>Language</b>	: Core Java,Multi threading ,Algorithm and Data structure
<b>Web Technologies Frameworks</b>	:J2EE, Servlets, JSP,Apache, Jboss,JMS,Kafka. : Spring, Springboot,Hibernate,Spring cloud ,JPA, Junit, Ibatis,Mokito, Xenon, API and Micro Service Development
<b>Web Service</b>	: SOAP and Restful Web Services
<b>Tools</b>	:Git, SVN, Perforce, clear case, JIRA, Sonar cube, Bamboo,mule soft
<b>IAAS</b>	: AWS, One cloud, vSpher,aNine,Azure
<b>Build tools</b>	: Ant,Maven
<b>Database Technologies</b>	: SQL, PL/SQL,Oracle.
<b>Development Software</b>	: Eclipse, STS, IntelliJ.
<b>Cloud Technologies</b>	: vRA, vRO, Docker.
<b>UI technologies</b>	: HTML, CSS, Javascript, xml, JSON.

## Education

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- Bachelor of Engineering in Computer Science (2010 – 2013) from Visvesvaraya Technological University, Belgaum, Karnataka with 75%.

## **Project Experience**

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**Name : AODB,ACDM,FRMS**

**Client : CPH,MUC,AMM,CX,GYD & DEL GMR Airports**

This is main Centralized Database for Airport with its flights operation Details, This Provides E2E complete life cycle of the flight from different airports and it provides different milestones for flight based on the timing update. It receives information from external sources and process it then shows in different systems like FIDS,BIDS & etc .It provides flight details for FRMS which is Fixed resource management system . this allocates Airport resource like tow,stand& Gate , Counter Etc.

**Role: Senior Software Developer**

### **Key Responsibilities:**

- Developed complicated features for AODB to support different Airport by using the REST, Spring, spring boot,hibernate,Jpa, Spring Security and oracledb,
- Involved in analysis and designing on the each user story.
- Handled different roles like Scrum master, Release manager and Sherrif to support customer.
- Analyzed & fixed different PTR from Various environments like(DEV,QA,UAT,PDT,PPT,STG)
- Handled Oncall Support efficiently to support customer on there needs to fix Production issues.
- Developing the independent Micro Services based on the user Stories by discussing with Different stack holder like FA,PM ,PO.
- Handled the end to end release management & Deployment of the entire product.

Worked in Shell scripts to migrate the blueprints from one Environment to another environment. Handled the integration of the sonar cube tool with bamboo and archived the 85% code coverage for all of the micro Services

**Name : SDDC instance Provisioning**

**Devportal, SalesPusle**

**Client : VMware**

This is product developed using 12Factor App Methodology ,it is A Centralized SAAS (Software as Service ) System which allows the user to provision hundreds of instances with in 2 clicks , the SDDC platform will allows the user to select the building blocks (blueprints like SOA,ESB,lifeRay,Portals,kafka,Elastic Search etc) and allows user to create a customized workflow with the dependency , once the user create the template and kick off the workflow the instance provisioning will happen based on the dependency defined, here we are allowing the used to provision the instance in different cloud providers like Aws, One cloud, vSphere, once the instance is provisioned in vRA it will kick off the vRO to initialize the call back to get the resource details.

**Role: Developer**

### **Key Responsibilities:**

- Developed Backend part based on dynamic requirement in REST, Spring boot,Jpa, Spring Security and postgres,
- Involved in analysis and designing on the each user story
- Developing the independent Micro Services based on the user Stories.
- Handled the end to end Deployment.
- Worked in Shell scripts to migrate the blueprints from one Environment to another environment.

Handled the integration of the sonar cube tool with bamboo and archived the 85% code coverage for all of the micro Services.

**Name : Devportal**

**Client : VMware**

**Description:**

**VMWARE-DevPortal** is A Centralized SAAS (Software as a Service ) System which allows user to get a VM with software component installed in 2 clicks. User has to create a template and provision the instances in different Cloud providers (aws,oneCloud,vSphere). This platform will allow to user to create the template which will have the building blocks (software components like Java,mysql,postgres etc) and provision the instance out of it. User can create the template of different types like aws,Onecloud and vsphere. Once the instance has been provisioned in the vRA we will be getting the call back from vRO. Along with the ip address for the different of the instances.

**Role: Developer**

**Key Responsibilities:**

- Developed Backend part based on dynamic requirement in REST, Spring boot,Jpa and postgres,
- Handling new user stories and Fixed issues,
- Coordinated with multiply located multiple team members to get work done.

**Name: IRSM ,**

**VTS , VMP**

**Client : eSight,BT**

IRSM is a main component of the NMS System , Which is responsible for Security management , it is responsible for providing the license to the NE over the network, validating the available NE's, it uses the FTP protocol to communicate between NE's and it users to records the All types of log information while communicating between devices .

**Role: Developer**

**Key Responsibilities**

- Analysis, Design and development on the user stories
- Fixing issues raised by QA and customer.