**KAJAVALI VADAPALLI**

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**Professional Summary**

* Having 12+ years of experience in software development, specializing in Core Java, Spring Boot, Hibernate, JPA, Python, JSP, Servlets, Oracle DB, PostgreSQL, Linux, Design patterns, Data Structures and Windows Operating Systems.
* Extensive experience in developing and managing Telecom and NMS/EMS/SDN applications, working with SOAP/RESTful Webservices, Docker, Kubernetes, Jenkins, Git, and OpenStack Cloud.
* Proficient in tools and IDEs like Eclipse, VS Code, and IntelliJ.
* Expertise in CI/CD processes, automation, and agile methodologies with Maven, Gradle, and Junit testing frameworks.

**Education**

* Master of Computer Applications (MCA): Achieved 80% from Acharya Nagarjuna University in 2009, Andhra Pradesh**.**

**Professional Experience**

Seiner Technical Specialist : LTIMindtree (July 2020 – Present)

Module Lead : ALTEN Calsoftlabs (July 2018 – July 2020)

Senior Software Engineer : Wipro Technologies (June 2015 – July 2018)

Software Engineer : Tech Mahindra (April 2011 – June 2015)

**Key Projects**

**Project #5: Nokia NSP IP (Nokia Network Services Platform)**

Client: Nokia  
Technologies: Java, Spring Boot, Python, Node.js, React.js, Linux, Git  
Platform: OpenStack, Kubernetes, Vagrant  
Protocols: CLI, Netconf, SNMP, GNMI  
Role: Developer  
Period: From July 2020

**Description:**

* NSP is a software-defined networking (SDN) application enabling network operators to improve network performance through FCAPS operations (Fault, Configuration, Accounting, Performance, and Security).
* Tools and adaptors are developed to troubleshoot and reconfigure the network**.**

**Responsibilities:**

* Designed and implemented various adaptors (Equipment, FM, Service, communicators, models, LLDP, Telemetry).
* Monitored alarms and collected statistics for network topology.
* Developed H/W inventory and service provisioning adaptors.

**Project #4: Ciena Blue Planet MDSO**

Client: Ciena  
Technologies: Python, Java, Linux, Git, Jinja, JSON, SOAP, REST, Docker, Vagrant  
Role: Developer  
Period: From August 2018

**Description:**

* MDSO automates service delivery across physical and virtual domains, leveraging model-driven abstraction and open APIs. Integrated with various domains, it simplifies network service provisioning and orchestration**.**

**Responsibilities:**

* Developed resource adapters (RA) and service templates (ST) for physical and virtual domains.
* Conducted unit and integration testing for service provisioning**.**

**Project #3: ERIC\_WRANMOM**

Client: Ericsson  
Technologies: Core Java, Shell Script, Linux, XML, Webservices  
Role: Developer  
Period: From June 2015

**Description:**

* OSS-RC is Ericsson’s subnetwork manager supporting centralized operation of mobile networks. It offers modules for service assurance across GSM, WCDMA, LTE, and core networks**.**

**Responsibilities:**

* Delivered new features, responded to trouble reports, and implemented changes.
* Modified and enhanced existing schemas and product behaviour.

**Project #2: CA Mediation Manager**

Client: CA Technologies  
Technologies: Core Java, Spring, Hibernate, Webservices, JavaScript, XQuery  
Role: Developer  
Period: From September 2012 to May 2015

**Description:**

* Developed solutions for communication service providers (CSP) for performance management across IP and non-IP devices. Created multi-threaded Java applications for data collection and performance metric analysis**.**

**Responsibilities:**

* Designed device packs for various CSPs, integrating with NMS solutions.
* Automated test suites and debugged device packs.

**Project #1: Opportunity Map Tool (OMT)**

Client: Motorola Solutions/Nokia Siemens Networks  
Technologies: Java, Swings  
Platform: Windows XP  
Period: January 2012 to July 2012

**Description:**

* Visual, interactive tool for exploring trends and correlations in large datasets.

**Responsibilities:**

* Implemented, enhanced, and tested OMT features.
* Fixed bugs and implemented feature enhancements.

**Skills**

**Programming Languages & Frameworks:**

* Core Java, Python, Spring Boot, Hibernate, JPA, JSP, Servlets, Shell script

**Databases:**

* Oracle DB, Postgres DB

**Operating Systems:**

* Linux, Windows

**Tools & Platforms:**

* Eclipse, VS Code, IntelliJ, Docker, Kubernetes, Jenkins, Git, OpenStack Cloud

**Web Services:**

* SOAP, RESTful Webservices

**Domain Expertise:**

* Telecom, NMS/EMS/SDN Applications

**Testing & Build Tools:**

* JUnit, Maven, Gradle

**Additional Strengths**

* **Problem Solving:** Adept at analysing complex systems and resolving challenging technical issues.
* **Collaboration:** Good communication skills with experience in working with cross-functional teams.
* **Adaptability:** Quickly learns and adapts to new technologies and methodologies.