RAHUL MALWADE

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SUMMARY:

* Highly motivated and focused software engineer with over 4.5 years of experience in Java J2EE, NodeJS, Python software development
* Extensive IT experience in server-side development, distributed software architecture, object-oriented design, messaging middleware and relational databases.
* Experienced in development, implementation and maintenance of web and distributed enterprise applications using Java/J2EE technologies, JDBC, RMI, XML, Javascript, NodeJS, Python.
* Experience in MVC architecture, Spring framework, Spring Boot, Docker, J2EE Design patterns, Java Beans, Hibernate. Used and worked with SOAP and Rest Webservices.
* Skilled in analyzing and defining solutions to increase efficiencies and reduce redundancy.
* Specialize in enterprise applications Integration and Agile Methodologies.
* Team player with excellent communication, interpersonal and analytical skills.
* Excellent hands-on experience in troubleshooting the problems and improving the performance of applications by debugging tuning and tracing.

TECHNICAL SKILLS:

* **Languages**: Java (Expert), Python (Expert), Javascript (Proficient), C++ (Prior Experience), Golang (Prior Exp) , UML, XML
* **Java Technologies**: JDK 1.8, Spring 4.0/3.x, Spring Boot, Hibernate, JDBC, JSON, Servlets, Maven, Gradle, Ajax
* **Frameworks**: Spring 4.x/3.x, Junit, SpringBoot, ExpressJS, Web.py, Tornado.py, Flask
* **Software Tools**: Jenkins, Maven, Ant, Dockers, Kubernetes, Microservices, Docker-compose, Apache JMeter, GIT, SVN, TDD tools Mocha, Chai, Karma, Mockito, Jenkins, GNU debugger gdb.
* **Protocols**: TCP/IP, UDP, DNS, SSH, HTTP, HTTPS, RDP , VNC, Google Protobuf
* **Web Servers**: Apache Tomcat, WebLogic App server, Apache traffic Server, Apache Kafka
* **Script/OS**: Windows, Linux, MacOS, CentOS, Debian, Solaris
* **IDE**: VIM Editor, Visual Studio 13, VSCode, Eclipse, IntelliJ
* **Version Control**: Git, SVN, Bitbucket

RELEVANT COURSEWORK:

Operating Systems, Computer Communication Networks, Intro. to Cryptography, Database Systems, Massive Parallel Computing, Cloud Computing, Software Engineering, Cloud Technologies, Cloud Services, Artificial Intelligence.

EDUCATION:

**MS in Computer Science**, Texas A&M University – Kingsville | GPA 3.9/4.0 **May’2020**

**PG-Diploma in System Software Development**- CDAC- Bangalore | GPA 3.6/4.0 **Feb’2015**

**BE in Computer Engineering** , Maharashtra Institute of Technology (MIT), Pune **May’2012**

WORK EXPERIENCE:

**Software Developer Intern,** Ancestry.com Inc, Lehi , Utah **May’19 - Aug’19**

Worked on development of Chaos Testing tool for Ancestry’s internal services.

* Designed and developed middleware using SpringBoot framework, NodeJS framwork and developed service classes, controller classes to perform multi-platform chaos testing.
* Used Gradle to compile and generate EAR, WAR and JAR files.
* Used Junit and Mockito framework for whitebox testing of application, created Unit testing, test condition in java and resolved codesmells using SonarQube to ensure code quality, vulnerabilities.
* Used Jenkins for CI and deployment and expert in debugging the issues and resolving the production/test issues.

**KeyTechnologies**: Java, J2EE, Spring Boot, JSON, Ajax, Rest Webservices, Junit,Mockito, Gradle,Docker, Kubernetes, Jenkins, Linux, SONAR Qube

**Teaching Assistant,** Texas A&M University,Kingsville  **Sept’18 – Dec’18**

* Taught design patterns, test driven dev and project management tools to undergraduate students.
* Automated and showcased student classroom record with panfas and ggplot data anylytics tools.

**Software Developer, Crusoe Security, Israel** **Jan’18 – Aug’18**

Worked on development of Browser Web Isolation System

* Participated in various stages of project life cycle mainly design, implementation using testing, deployment and enhancement of the Isolation system.
* Designed and developed server-side application for low-latency systems, delivering high-availability and performance.
* Designed, developed and integrated docker images for enterprise application using Golang, NodeJS and framworks for crusoe microservices.
* Developed and integrated remote desktop Apache guacamole RDP module into web application.
* Co-ordinated with the client and upper level management, as well as other developers to test the solution for production issues and customizations.
* Explored and initiated development on dynamic scaling of microservices with Kubernetes api.

**KeyTechnologies:** NodeJS, ExpressJS framework, guacamole Server, Javascript, npm, Docker, docker-compose, Minikube, Kubernetes, bash shell, Java, MySQL, XML, Maven, Golang, Make

**Software Engineer,** GDB Technologies Pvt Ltd.,Pune India **Aug’17 – Aug’18**

* Worked with (We-amp.com, a Netherlands based company) where Led the implementation of FastCGI PHP protocol support for open source Apache traffic server in C++.
* Improved the performance and integrity of code by processing thread concepts.
* Used connection pool or thread local storage configuration mechanism for optimal performance.
* Supported GDB’s wordpress based php website maintenance and updation.

**KeyTechnologies:**  C++, PHP, Fast CGI, Plugin Development, Apache Traffic server, GDB debugger, Lua script, Javascript

**Associate Software Engineer,** Protegrity R&D,Navi Mumbai,India **Apr’15 to Jul’17**

* Implemented the UI and server side logic for product’s screens like Learn Mode, Log Viewer and certificate/key material.
* Developed utility to work on UI screens which resulted in 50% reduction in development time.
* Co-ordinated with documentatiuon and pre-sales team for product features and demos.

**KeyTechnologies:** Python, Web.py, Javascript, Shell Script, KnockoutJS, Jquery, CodeMirror, D3.js, Bootstrap, HTML,CSS

ACADEMIC WORK (Master’s):

* Paper published on **Work absenteeism prediction based on Neural Network**.
* Worked on a research paper on **Kubernetes Scheduler and resource management in cloud** as a parts of master’s curriculum.
* **Project Mobile Isolation**
* Developed an application which can isolate mobile environment to cloud and provides access through mobile browser based remote desktop interface.
* Access will be granted through proxy as a gateway to remote container images from anywhere, providing end to end security to mobile devices.