

Amol Vagare

**Lead Consultant**

9+ Years of total experience as Full stack Developer, Solution Engineer and Automation Testing. Hav experience in Identity Management, API Management, Security, Tokenization and Micro-services domains. Abilities in handling multiple priorities with ease and adapt able to any kind of environment. Worked under agile methodology, quick learner,willingness to adapt to new challenges and new technologies.

# **Skill Set**

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| ProgrammingLanguages | JSP, JavaScript, JQuery, Django, Java, React.js, Node.js, Shell Scripting, Python, Maven |
| OperatingSystems | Ubuntu16.4,RHEL,CentOS,Windows2012 |
| DatabaseServers | MySql, SQL Server, HBase, Cassandra, Elastic Search |
| Dataformat | JSON,REST,SOAP,WSDL,XML, XPath, XSLT |
| Protocols | HTTP, HTTPS, Web Socket, FTP,FTPS,SFTP,JMS,MQTT |
| SecurityPolicy | Oauth 2.0, SAML, SAML Queries, Kerberos, SPNEGO,LDAP,ActiveDirectory,WS-Security,JSONEnc/Sign,JWTTokens,SSL,PKI,Keystore, APISecurity |
| EnterpriseSoftware | CASiteminder,ADFS,Salesforce,Mashery,MulesoftAPIManager,MulesoftAnypoint |
| OpenSource | OpenSSL,Hazelcast,Hadoop,Openldap,Jmeter,Nagios,RAML,Swagger,Keytool,OpenSSL,HA-Proxy,Kafka |
| SCMTools | SVN,Git |
| Virtualization | VMware ESXi, VSpher, VMware studio, Docker, Kubernetes, AWS(Glacier,EC2,S3,VPC,RDB,LB) |
| CI&CMTools | Jenkins, Ansible, Terraform |

# **Recent Projects**

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| **Project:** Indicator of Compromises (IOC) | |
| Duration | : Feb2018-till |
| Domain | : Security |
| Role | : Senior Software Developer - FullStack |
| Technology | : Microservices, Kafka, Cassandra, ElasticSearch, Vault, Consul,  React.js,Springboot,Python,Docker,K8s,DockerSwarm,Ansible,CI/CD,AWS DevOps |
| **ProjectScope:** |  |
| IOCagentsscanallinfoofmachinerelatedtofiles,processandregistryandprovide  to Qualys platform for analysing and processing. On platform, it checks all files and process and generate score for those files and process to indicate severity. It is based on Qualys internal database and algorithms to alert customers about any malicious activities in their infrastructure | |
| **Responsibilities:** | |
| * Work in team developing scalable event processing platform for private cloud. * Backend services and UI pages implementation. * Resolving bugs. * Performance Testing. | |

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| **Project:** Phoenix Server backup | |
| Duration | : August 2017 –Jan 2018 |
| Domain | : Storage and Backup |
| Role | : Software Developer |
| Technology | : Python, MS-SQL Server, Docker, CI/CD, AWS DevOps |
| **ProjectScope:** |  |
| SASS base platform for providing backup and restore solution for wide range of servers  And infrastructure to recover from any disaster. | |
| **Responsibilities:** | |
| * Worked in development to develop feature for taking backup and restoring   MySql Server database eon platform   * Defects fixing and Verification | |

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| **Project:** Anypoint Platform Cloud Product | |
| Duration | : April 2016 – July 2017 |
| Domain | :Security and API Management |
| Role | :Software Developer |
| Technology | :Docker, Kubernetes, Ansible, AWS, RAML, RestAPI, Node.js,  React.js, MicroServices, Postgress |
| **ProjectScope:** |  |
| AnypointisSaaSbasedplatformforpublishandsecureAPIs.Workedondesign  workflowstointegratemultiplethird-partyapplicationtoachievebusinessneeds.Configured multiple security and throttling policies in-front of APIs (such as CAP, QoS,AAA) to make them more secure and controllable. | |
| **Responsibilities:** | |
| * Gatheruserrequirementsandprovidepossiblesolutionusingexitingfeatures | |
| * Implement, Deploy and Automate provided solution in Customer Environment | |
| * Resolve issues or make modification in older workflows | |
| * Customization of Portal UI as per User requirement | |

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| **Project:**EnterpriseAPIManagementPortal | |
| Duration | : May2015–April2016 |
| Role | :Software Developer |
| Technology | :Java, Jira,MS-SQL,MySql, JSP,API Management, AWS, Git |
| **ProjectScope:** |  |
| It is On-Premises solution for API monitoring and securing for REST based  applications. Automate installation and test environment.Test security policies, authorization,and management of APIs. Integrate and Test traffic manager with Mashery. | |
| **Responsibilities:** |  |
| * Designing and Implementing features in existing roduct | |
| * Writing Unit Test cases | |
| * Defects Fixing | |
| * ESG integration/testing for hybrid and on-premises solutions with Mashery | |
| **Project:**IntelExpresswaySecurityGateway | |
| Duration | : July2012–May2015 |
| Domain | :AutomationandManualTesting |
| Technology | :Shell,Java,Protocols,Security |
| **ProjectScope:** |  |
| IntelExpresswaySecurityGatewayismiddlewaresolutiontoprovidessecurity  towebservicesfromdifferenttypesofattacksfromoutsidenetworkbysittinginfrontofthem.Ithasdifferenttypepolicysuchcontentattackprevision,DOS,PKI,QoS,AAAand | |

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| WS-Security.Italsocapableofmessagetransformation,protocolmediation,validate  requests,managingandtransforminguser’sidentity. |
| **Responsibilities:** |
| * Creatingandmaintainingtestingenvironment |
| * Testcaseswritingandexecution, |
| * TestcasesautomationusingJavaandshellscripting |
| * Filedefects,verifydefects |
| * Performancetestingusingmanualandshellscripts. |
| * NewSecurityfeaturetestingandThird-partyproductintegrationand   testing |

**Short Integration Assignments with project:**

* + UseSalesforceasIDPforSFTPauthentication
  + UseSalesforceSAMLandOAuthconnectorappsforUserauthentication
  + DesignworkflowstowhichwillgiveApacheuseslikestickysessions,dynamicloadbalancing,pathoverwritingandrequestsmonitoringandthrottling.
  + CreatedapplicationforaccessingAmazonS3bucketoverSFTPprotocol
  + MakingAPIcallauthenticationusingMasheryOAuthfromproduct
  + StoreIoTdevicesdatainHbaseorKafkaserverusingMQTTprotocol
  + SetupSMTPserver,GIT,Jenkins