



## PROFILE

- **Ten years** of Product development experience, including seven years of Cloud (SaaS) development
- Technical expertise in Design, Development and Deployment (**DevOps**) of enterprise-applications using **Microservices** Architecture, Test-driven development and Continuous delivery model.
- Proactive, Energetic, Result-driven **Individual contributor** and a good **Team player**.
- Sun Certified Java Programmer (SCJP 1.5)
- **Full Stack Developer**, Good at Code reviews, Mentoring team members /College hires to quickly ramp up and contribute to the product.
- Seeking a quality environment where knowledge can be enriched and a challenging career with a high potential for advancement of skills.
- Selected for **Speaker Presentations** at **Container Days, 2019** ([www.containerdays.io/speakers/](http://www.containerdays.io/speakers/)) Hamburg, Germany and at **2019 Platform Summit** (<https://nordicapis.com/events/the-2019-platform-summit/#speakers>) Stockholm, Sweden.

## ACADEMIC RECORD

2004-08	B.Tech (Electronics)	National Institute of Technology (NIT), Surat.	7.84/10.00 (CGPA)
2002-04	Board of Intermediate Education ,A.P. (class XII)	Nalanda Junior college, Vijayawada,A.P.	95.5%
2001-02	Board of Secondary Education ,A.P. (class X)	D.A.V. Public school, Ramagundam,A.P.	89.0%

## WORK EXPERIENCE

20 <sup>th</sup> Feb 2018 – Till Date	Appfire Technologies, Hyderabad	Designation - Principal Software Engineer
16 <sup>th</sup> Feb 2015-19 <sup>th</sup> Feb 2018	CallidusCloud (now SAP),Hyderabad	Designation - Sr. Software Engineer
29 <sup>th</sup> Aug 2011-6 <sup>th</sup> Feb 2015	KonyLabs,Hyderabad	Designation - Sr. Product Developer
30 <sup>th</sup> June 2008-25 <sup>th</sup> Aug 2011	Logica (now CGI),Chennai	Designation - IT Consultant

## TECHNICAL SKILLS

<b>Languages</b>	Java/J2EE,Python,Lua, Java Script, Shell scripting ,SQL,XML,CSS,JSON,HTML
<b>Frameworks/Standards</b>	Spring, OAuth, SAML, hibernate, MyBatis, AngularJS, Jersey , Swagger, Log4j,JUnit,c3p0
<b>Databases</b>	MongoDB 3.4.x,Oracle [9i,10g,12c], PostgreSQL 9.x,MySQL 5.6.x
<b>Application/Web Servers</b>	Tomcat 7.x, JBOSS EAP 6.2,Weblogic
<b>Development Tools</b>	Eclipse, JRebel, Kony Studio,Toad, Pgadmin
<b>Build/CI/Monitoring Tools</b>	Maven,Gradle,Jenkins, Bamboo,flyway,Docker, Ansible, Artifactory, Amazon S3,RPM
<b>OS/ Servers/Cloud Services</b>	UNIX(AIX), Linux(RHEL/CENTOS6/Ubuntu), Amazon EC2, Digital Ocean
<b>Monitoring /Tracking Tools</b>	AppDynamics,Sensu, Splunk, Wireshark, Fiddler, Jira, Pivotal tracker, Confluence,Trello,
<b>Load balancers/HA</b>	HAProxy,Apache,AWS ELB (Route 53),Oracle datagaurd,Mongo clustering (sharding)
<b>Performance Testing/ Tools</b>	Apache Jmeter ,Blazemeter, JProfiler, YourKit
<b>SCM Tools</b>	SVN, Git, Gitlab, Gerrit, Stash, BitBucket, GitHub
<b>Cache</b>	Memcache,Redis,Hazelcast

## ACHIEVEMENTS/EXTRA-CURRICULAR ACTIVITIES

- Secured **2115 All India Rank** in AIEEE 2004 out of four lakh students appeared.
- Represented NIT college team and won **bronze** medal in All India Inter-NIT Table Tennis tournament at NIT-Calicut in March, 2007

## PROJECT(S)

1. Atlassian CLI	Atlassian Products	Duration: Feb 2018 – Till Date
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Atlassian command line interface (CLI) provides a convenient way to quickly do tasks, implement business processes, or general automation with Atlassian products like Jira, Confluence, Bitbucket, Bamboo and other third party Apps like Tempo, Slack. The Atlassian CLI distribution makes it convenient to have a single installation to access all your Atlassian products. The distribution contains a number of clients. Each Atlassian product has unique client with actions specific to the product.

Technologies/Platform: Java, Maven, Gradle, Docker, Jira, Tempo, Service Desk, Bamboo

Team Size: 2

### Responsibilities:

- Developed and maintained Docker Image in Docker hub for Atlassian CLI.
- Developed new product features for ServiceDesk and Tempo CLIs.
- Worked on performance testing of Atlassian Apps for Jira, Confluence for data center certification.
- Worked closely with architects in moving existing VMware Infrastructure to Digital Ocean Droplets.
- Presented a Hallway Track Session on best developer practices using Docker at DockerCon 2019, San Francisco.

2. Central Login Service HA	Deployment Automation	Duration: Jan 2017 – Feb 2018
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Central Login Service (CLS) is single sign on system used by every product across Callidus. This becomes a critical single point of failure that can lead to large financial losses in terms of lost customers and client givebacks when we violate SLAs. Therefore, high availability (HA) is crucial for end customers/clients.

Technologies/Platform: Java/J2EE, Python, Docker, Ansible, Artifactory, Oracle, OpenDJ, openAM, MongoDB, Sensu, Jenkins

Team Size: 3

### Responsibilities:

- Developed automation scripts for CI (Jenkins) builds and building RPM Packages of all components.
- Developed ansible playbooks to install full stack on Dev/QA/Prod environments.
- Integrated Sensu to monitor metrics like heap memory, OS memory on all production servers.
- Worked closely with Operation/DB architects in understanding and implementing HA features.
- Developed Migration scripts for migration of production data from Oracle to Mongo shards.
- Developed Ansible playbooks for automation of Mongo sharding/replication for failover scenario.

3. Multi-Factor Authentication	Calliduscloud SSO Product	Duration: Nov 2015 – Dec 2016
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CLS is single sign on system used by every product across Callidus. Multifactor Authentication is a new scalable addition to existing LDAP authentication using openAM used by CLS.

Technologies/Platform: Java/J2EE, Hazelcast, openAM, Twilio, SAML, Ansible, Docker

Team Size: 3

### Responsibilities:

- Designed and developed custom Two Factor Authentication (2FA) module using Twilio SDK and Hazelcast cache.
- Developed ansible playbook to automate 2FA module integration to OpenAM.
- Developed custom 2FA screens in openAM and integrated with backend landing portal.
- Developed Federation SSO SAML hosted SP Account Mapper for Remote IDP authentication.
- Developed ansible playbook to automate Federation SSO SAML hosted SP addition.

4. Versioned Script Runner Tool	Calliduscloud Devops Product	Duration: Sep 2015 – Oct 2015
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Versioned Script Runner Tool is flyway like system for shell scripts that used for installation/configuration of software on local docker containers and production servers. This tool records the version metadata when the script is successfully ran. This tool was used for deployment of installation/configuration of OpenDJ, OpenAM, Vertica

Technologies/Platform: Java/J2EE, Jcommander, Jenkins, Docker, Ansible, Artifactory

Team Size: 1

#### Responsibilities:

- Worked as an individual contributor for design and deployment of version tool.
- Worked on functional and technical design documents based on requirements
- Packaged the tool as jar and as RPM using spec file and uploaded to artifactory yum repository.
- Developed ansible playbook for deployment of OpenDJ using version tool.
- This tool is used extensively used for deployment of various softwares like pentaho, OpenAm across the organization.

5. Central Login Service	Calliduscloud SSO Product	Duration: Feb 2015 – Aug 2015
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CLS is single sign on system used by every product across Callidus. The service uses OpenDJ to store the users and their permissions. Authentication is managed by OpenAM and uses SAML 2.0 and OAuth protocols to sign users into each of the applications. CLS landing portal provides dashboard view of list of applications/tenants that user has access and also provides users to reset their password.

Technologies/Platform: Java/J2EE, Spring, Oracle 12c, Tomcat 7.x, OpenAM, OpenDJ, Jenkins, Docker, Ansible

Team Size: 3

#### Responsibilities:

- Worked as an individual contributor for development of landing portal.
- Worked on functional and technical designs based on requirements.
- Packaged portal webapp as RPM using spec file and uploaded to artifactory yum repository
- Developed ansible playbook for deployment of portal on docker containers
- Developed Jmeter scripts for performance testing of landing portal.
- Proactively monitored and improved performance of portal using blazemeter and AppDynamics

6. Mobile Fabric Onpremise	Kony Mobile Fabric Product	Duration: July 2014 – Feb 2015
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Kony Mobile Fabric is enterprise application development platform which includes mobile app dev platform, mobile backend-as-a-service (mBaaS), API management and platform as-a-service (PaaS) under a single roof and bundled as installer for both Linux and windows operating systems for on premise customers

Technologies/Platform: Java/J2EE, Spring, MySQL 5.6, JBOSS 6.2, Linux (CENTOS 6.5), Windows server 2012 R2

Team Size: 12

#### Responsibilities:

- Worked as an individual contributor for on premise specific development user stories.
- Resolved all application compatibility issues for JBOSS application server.
- Closed worked with Installer team to bundle different components as an installer.
- Participated in daily scrum meetings during development and testing.
- Worked on fixing bugs, raised by the testing team

7.Mbaas Portal	Kony Mobile Fabric Cloud Product	Duration: Feb 2014 – July 2014
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Mbaas Portal is one of core UI components of Kony Mobile Fabric multi-tenant cloud solution. It allows users to integrate and configure their developed apps with backend services like Identity,Integration,Orchestration,Sync and Messaging.It consumes REST API of Auth and workspace Services.

Technologies/Platform: Java/J2EE, JSP, Spring MVC, MySQL 5.6, Tomcat 7, Linux (Ubuntu 12.04)

Team Size: 4

#### Responsibilities:

- Extensively involved in discussions with architects on the requirements.
- Designed and developed the portal using the Design Patterns and Object Oriented Process in the view of future requirements
- Integrated backend web services (REST) with frontend UI using spring
- Involved in continuous integration of maven builds with Jenkins
- Involved in fixing the defects raised in DEV,SIT and QA environments
- Involved in Deployment process and post General Availability (GA) Release.

8.Kony Identity Service	Kony Mobile Fabric Cloud Product	Duration: Oct 2013 – Jan 2014
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Kony Identity Service provides REST API which implements both Authentication (AuthN) and Authorizarion (AuthZ).It authenticates apps against existing identity infrastructure including Active Directory, Salesforce, SAP, Kony Cloud, or other service providers

Technologies used: Java/J2EE, Jersey (JAX-RS), hibernate, MySQL 5.6, Tomcat 7, Linux (Ubuntu 12.04)

Team Size: 4

#### Responsibilities:

- Extensively involved in discussions with architects on the requirements.
- Developed REST API for applications and services.
- Designed and Implemented REST API (also custom) validations using spring.
- Involved in continuous integration of maven builds with Jenkins
- Involved in fixing the defects raised in DEV, SIT and QA environments.
- Involved in Deployment process and post General Availability (GA) Release.

9.Query builder Tool	Cloud (SaaS) Product	Duration: Aug 2012 – Sep 2013
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Query builder Tool (QBT) provides a graphical interface for creating and running SQL statements in the tenant database. QBT uses Data Abstraction Layer (DAL) for creating Builder objects and DAL interprets statements generated by the QBT before run in multi-tenant database. This allows user to run queries (select/update/insert/delete) without knowledge of the metadata table's structure.

Technologies used: Java/J2EE, JSF/Prime faces, spring, Linux (RHEL 5), PostgreSQL, Tomcat, XML, HTML

Team Size: 4

#### Responsibilities:

- Extensively involved in discussions with architects on the requirements.
- Designed and developed backend for all CRUD operations
- Integrated UI changes managed beans(JSF) with backend service classes
- Participated in scrum meetings during development and testing.
- Involved in Unit testing and Integration of assigned Modules.
- Involved in Deployment process and Post production Support.

10.Database Stress Test	PostgreSQL Performance-DAL	Duration: May 2012 – July 2012
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Database Stress Test to check the reliability of the database structure (DAL), table's indexes and relationships, analyzing its limits and also analyzing how the database behaves when several simultaneous updates and inserts transactions are started at the same time.

Technologies used: Java, c3p0 (connection pooling), Linux (RHEL 5), PostgreSQL, Apache derby DB

Team Size: 2

**Responsibilities:**

- Extensively involved in discussions with Architects on the requirements.
- SPOC on entire life cycle of the project.
- Automated and configured Test case execution on EC2 Linux servers.
- Proactively monitored logs and reporting the results to Onsite/Offshore Architects
- Fine-tuned the connection pooling parameters for optimal database performance.

11.GEICO Mobile	Client-GEICO	Duration: Sep 2011 – Nov 2011
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GEICO (Government Employees Insurance Company) a wholly owned subsidiary of Berkshire Hathaway provides automobile Insurance in US. GEICO Mobile web has an ability to pay insurance bills, view policy details, access current insurance ID cards,etc.,

Technologies used: Lua, Java, Kony studio, Linux (RHEL 5), MySQL, Tomcat, XML, HTML

Team Size: 4

**Responsibilities:**

- Extensively involved in discussions with client on their requirements.
- Designed and developed user interface using Web and Custom controls in Lua.
- Integrated backend web services (XML) services with each module.
- Participated in scrum meetings during development and testing.
- Involved in Unit testing and Integration of assigned Modules.
- Involved in Deployment process and Post production Support.

12.BT Leeds WLMS	Client-British Telecom(BT)	Duration: Sep 2008 - Aug 2011
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British Telecom (BT) provides B2B communication services to leading telecom service providers in the UK including Vodafone, Post Office, Orange and SSE .The White Label Managed Services (WLMS) platform refers to the full set of systems which provide (landline) calls and broadband service to various service providers. Each Service Provider offering uses a slightly different architecture, in order to best meet the needs of each customer, but all of them use a core set of systems. It also includes various third party application services like Equifax, Postcode Anywhere,etc.,

Technologies used: Java/J2EE, Oracle 9i, Linux (RHEL 4, 5), AIX, Web logic, XML, HTML

Team Size: 30

**Responsibilities:**

- Actively involved in complete life cycle (development, Maintenance and Support) of WLMS platform.
- Closely worked with Design Team for R1100 production release of Orange.
- Worked on Enhancements/Maintenance fixes for Orange CMC Portal.
- Extensively involved in discussions with clients (BT and Orange) on their requirements.
- Developed automation scripts for manual processes and these efforts have a promised potential savings of ~5000 person/days.