

Rakesh Kumar

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Summary

I am a software engineer with 8 years of experience, working on both backend and frontend technologies. I am a full stack developer and worked on various mid-sized and large web applications. I am always open to new technologies and interested to work on SAAS based applications.

Experience

8 years of total experience as a Software Engineer

Organization	Designation/Responsibilities	Working Period	
		From	To
JDA Software	Software Engineer Associate	July 2010	March 2011
JDA Software	Software Engineer Entry	April 2011	March 2013
JDA Software	Software Engineer Intermediate	April 2013	March 2015
JDA Software	Senior Software Engineer	March 2015	December 2016
Reputation.com	Technical Architect	Jan 2016	Till Date

Technical Skill Set

Primary Skills:

Javascript, Java, Node JS, Microservices, Spring, EXT JS, React JS, Redux, Bootstrap, Material Design, HTML5, CSS3, JQuery, REST , Ajax, JQuery UI, DHTMLX, JQuery Mobile, SLF4J, LogBack, Jersey, SQL, GIT, Protractor, Cucumber JS, Chai, J2EE, Apache Utilities, Gherkin, Protractor-Cucumber-Framework, Groovy, Mocha JS, Jasmine, SuperTest, DWR, JDBC, Gulp, Gradle, MongoDB, Q, Nunjucks Templating.

Secondary Skills:

Maven, AWS, GCP, XML, JSoup, Log4j, JPA, Hibernate, Elastic Search, Kibana, Ant, Junit, PhoneGap, SASS, Social APIs (Twitter API, Youtube API, Forecast IO), Fusion Charts, Wiremock, Jacoco, Redis, AsyncHttp Client, Bower, SuperAgent, Cheerio, Rabbit MQ, Docker.

Familiar with:

Babel, Webpack, Google Analytics, GCP- App Engine, Big Query, Data store, Data Flow - Pipelines, Swagger, Grunt, Karma, Angular Material, Backbone JS, Underscore JS, AngularJS, Appium, JSF,

Primefaces, browser-perf, protractor-perf, CoffeeScript, Meteor JS, Reaction Commerce.

Tools & Platforms:

Source Tree, Weblogic, Tomcat, Oracle 11g, Win SCP, JIRA, Clearcase, Win CVS, Eclipse, Atom, Visual Studio.

Cloud Hosting:

Github, Bitbucket/Stash, Git labs.

Academic Details

- Completed Bachelor of Technology (C.S.E) in JNTU, Hyderabad with 80.4%.
- Secured 93.2% in Intermediate from Narayana Junior College, Hyderabad.
- Secured 90.6% in SSC from Geetha High school, Medak.

Achievements

- JDA Pillar award for H2 2012 in JDA
- JDA Pillar award for H1 2014 in JDA
- Spot award for Q4 2011 in JDA
- Spot award for Q3 2012 in JDA
- Spot award for Q2 2014 in JDA
- Second prize in Code jam in JDA in 2013
- Winner of JDA Focus- SNEW coding content.
- Consistent high performer in JDA.
- JDA Certified SAAS Developer.

Projects Involved

Reputation.com

Project# 1: Meru (Jan 2017 to Present)

Description: Meru Cloud is a High Performance PAAS service running on AWS, scraping data from more than 100 Million urls per day from the world's top 1000+ websites.

Stack: Java, Groovy, MongoDB, Redis, Spring, Gradle, AsyncHttpClient, RabbitMQ, Jsoup, ELK Stack, Docker, React JS, Webpack, Babel, ES Lint, Javascript, Material-UI, Redux, Thrift.

My contribution:

- Developed the Dashboard UI which helps in executing jobs, monitoring server health & server metrics & stats.

- Integrated Twitter, Instagram, Youtube.
- Improved the DSL to support the configuration from within.

Project# 2: r4e-e2e (April 2017 to Present)

Description: An Automation Framework for UI, REST API, Thrift & Mobile- Android & iOS.

Stack: Node JS, Javascript, Protractor, Cucumber JS, Chai JS, Gherkin, Selenium, Q, Jenkins, Appium, Nunjucks, Super Test, Gulp, Materialize CSS, React JS, ElasticSearch, Kibana.

My contribution:

- Built the complete framework from scratch bringing all different automation suites into one common platform which is behavioral oriented.
- Setup the automation teams in globally.
- Built an environment on cloud which runs thousands of scenarios across multiple environments every day and archives the reports, which also allows any person to trigger any job respective to the services they have been working.

Project# 3: Credential Bot (June 2017 to August 2017)

Description: A bot to validate the credentials across different sources and handles reporting and monitoring.

Stack: Node JS, Javascript, Protractor, Jenkins, Chrome-Headless.

My contribution:

- Built the complete product from scratch.

Project# 4: MPL (Manufacturing Planning) One (June 2015 to December 2016)

Description: One common UI experience across Demand-Supply-S&OP with process orchestration.

Stack: Java, Spring, Javascript, EXT JS, JQuery, HTML5, SASS, Oracle, ANT, Fusion Charts

My contribution:

- Part of the team formed for developing the product from the scratch.
- Worked on implementing customizable dashboard.
- Worked on implementing the Notifications.
- Worked on implementing a feature to maintain the measures and exception rule definitions (related to supply chain).

Project# 5: GCP Billing Analysis (April 2016 to August 2016)

Description: The application is used to view and analyze the costs to JDA for the usage of Google Cloud Platform. Leadership can use it to understand the costs, track budgets, make projections, etc. SaaS developers can use it to understand the usage of GCP resources, as well as to optimize the costs of their owned services.

Stack: Java, Javascript, Gradle, Node JS, Google cloud programming – App engine, Big query, data store, data pipelines, Gulp, SASS, Angular-2, Angular CLI, Karma, Jasmine, Swagger, Frisby JS, Wiremock, Charts.js, Materialize CSS, Angular 2 Material, Jacoco, protractor.

Micro services: Cloud billing data ops, Cloud billing application.

My contribution:

- Part of the team formed for developing the product from the scratch.
- Developed the microservice to handle the cloud billing data operations.
- Developed the UI using materialize CSS.
- Part of test driven development.
- Handled end to end testing.

Project# 6: JDA Platform DCS (Distribution Centric Supply Chain) (Feb 2014 to June 2015)

Description: The key goals for DCS project are: To create a Solidified brand for Distribution Centric Supply Chain. Align the UI's of key products to increase cohesive sales demos. Improve dated look and feel where possible.

Stack: Java, Javascript, SASS, HTML5, CSS3, JQuery, DHTMLX, EXT JS

My contribution:

- Part of the team formed for developing the product from the scratch.
- Part of the research of enhancing the UI's of the JDA Applications as per the latest standards.
- Worked in converting the entire platform style hardcoded styling to SASS based approach.
- Restyled the Header, Popup, Grid, Alert/Confirm dialogs and other UI components as per the UX standards.
- Worked on the research of the converting the window popups to modal dialogs across the JDA applications and also implemented the same in most of the platform pages.
- Implemented a Dynamic Hierarchy component which serves huge datasets for the hierarchies.
- Worked on PSR of the Hierarchy component.
- Implemented the UI part of the feature called Manage User Objects.
- Stood as the single point of contact for the application teams relative to this project.

Project# 7: JDA Platform/ Webworks Framework (Jan 2012 to June 2015)

Description: This is platform which serves entire JDA applications. It's an MVC driven framework, which includes Security, User Interface Framework, Architecture & predefined components etc.,

Stack: Java, J2EE, EJB, JavaScript, Ajax, DHTMLX, Log4J, SLF4J, Weblogic, Websphere, JQuery, Ext JS, ANT, Jackson, PL/SQL

My contribution:

- Implemented a Copy Paste to/from Excel feature for the platform Flexible Editor feature, which allows you to copy paste to/from excel to flexible editor and vice versa providing different usability's to the end user.
- Provided chrome support for the JDA Platform UI's, as part of it documented and helped all the application teams of JDA to provide Chrome support.
- Provided iPad support to JDA Platform UI's, as part of it documented and helped all the

application teams of JDA to provide iPad safari support.

- Implemented a generic partial patch framework using ANT which can be used by JDA Platform as well as all the application teams to handle patch generation/backup/installation to the customer.
- Implemented a type ahead search component for the Flexible Editor.
- Implemented an inline popup component in the JDA Platform.
- Implemented a wizard component in the JDA Platform
- Contributed to the Log4j SLF4J migration for the JDA Platform and corresponding application teams.
- Stood as a single point of contact for the JDA Platform UI components to the application teams.
- Provided JDA wrapper components for the DHTMLX components which were used by all the application teams of JDA.
- Handled DHTMLX support for the JDA platform.
- Part of the Customer Issues support team and fixed large number of customer issues as we support around 9 old releases.
- Stood as the main point of contact for the application teams for UI support for platform.
- Worked on fixing multiple customer issues.

Project# 8: Manufacturing ABPP (Jan 2011 to Dec 2011)

Description: The JDA Manufacturing ABPP product combines models, workflows and master data management capabilities to provide a comprehensive data management solution for the manufacturing domain.

Stack: Java, XML, PL SQL, PGL (Page Layout – an internal JDA Specific Language), Weblogic

My contribution:

- Implemented a loader utility which allows loading of the data from flat files into the ABPP Data Services as per its design.
- Implemented an Instance Filter utility which allows Manufacturing ABPP to serve the data across the applications like SCP, FP etc., applying record level authorizations.
- Developed a feature called User Manager which integrates the authentication of multiple manufacturing specific products to be handled from a single place (It was later moved into JDA-I2 combined Platform and is being used for generic user management across JDA applications).
- Integrated the ODS Product with MfgABPP.
- Worked on fixing multiple customer issues.

Project# 9: Development of ABPP Data Services (July 2010 to Dec 2010)

Description: The project includes the development of data services in ABPP framework. This framework is used by many of the JDA tools and is developed in Java, SQL and PL/SQL. It involves functionalities like E2E which filters error data at various levels of a supply chain, using business rules. It also includes Table Editor which gives access to the data in the database through UI and allows exporting the data, multiple outbound staging which facilitates the creation of materialized views and synonyms across schemas.

Stack: Java, XML, PGL (Page Layout – an internal JDA Specific language), PL SQL

My contribution:

- Involved in enhancements and bug fixes of ABPP data services.
- Involved in the enhancement of the feature SCM Integration, which transfers data across various tools of JDA.
- Implemented the UI for the feature E2E which intakes the raw data and applies validations & filters at multiple stages of E2E.
- Involved in the enhancements of the Table Editor which is a model viewer for the ABPP platform.

Project# 10: iTrops - Intelligent Transportation Operating Systems (June 2015 to July 2016)

Products: Itrops Portal, RateOPs

Description: An aggregator and bidding platform for freight brokers.

URL: www.itrops.com

Stack: Java, DWR, JQuery, Ajax, MySQL, Mongo DB, Hibernate, Jersey, Apache commons, Bootstrap, JQueryUI, Logback, SLF4J, Apache POI, Mongo Jack, Jackson, JUnit, Maven, Amazon AWS, Google Analytics, Webmaster tools.

My contribution:

- Complete end to end development.

Project# 11: Trippo (May 2015 to June 2015)**Description:**

Stack: Java, Spring, JQuery, JQuery, Bootstrap, Mongo DB, Logback, SLF4J, JSOUP, JUnit, Gradle, Amazon AWS, Phone Gap, JQuery Mobile, Redis server.

My contribution:

- Started project from scratch, designed all models
- Handled complete UI part of all the projects involved.
- Implemented mobile app for service provider.
- Implemented server side restful APIs for service provider dashboard.

Project# 12: Cinciea Journals - Startup (Jan 2014 to June 2014)

Products: Cinciea Portal, Cinciea Engine.

Description: CIENCIA, a leading publishing group with different journals from diverse fields like immunology, cancer biology, agriculture, bioinformatics, computers, medical biology, drug discovery, molecular biology, nanotechnology, etc., to publish the individual research work.

Stack: Java, Apache Tomcat, DWR, Bootstrap, JQuery, JQuery UI, Logback, SLF4J, Apache POI, Maven, My SQL, Hibernate.

My contribution:

- Complete end to end development.

Project# 13: JDA Focus 2016- SNEW (April 2016)

Description: SNEW (Social News Events Weather) is a project to get the following details:

- Social trends, News about the JDA Focus 2016 event.
- Weather forecast on the days of the JDA focus 2016 event.
- Events clashing with the days of the focus event occurring in Nashville.

Stack: Java, Spring Social, Jersey, Bootstrap, Maven, JavaScript, Html5, Css3, Social API's (Twitter, YouTube, Facebook, Forecast IO), JSOUP, GIT, Source Tree.

My contribution:

- Complete end to end development.
- Implemented a customizable dashboard (The entire UI is developed as widgets; each component is an independent widget). The dashboard is built such that it can be reorganized or extended by the end user easily.
- Worked on social API's & website scrapping.
- The project has been completed with a very short span of time with a 2-member team including me and was declared the winner.