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| |  | | --- | | Rakesh Ranjan  Senior Software Engineer | | Motivated Senior Software Engineer highly effective at developing new programs and fixing problems with existing systems. Proficient in Java and Agile/SCRUM methodology.    **Work History**       |  |  |  | | --- | --- | --- | | **2018-10 - Current** |  | Senior Software Engineer  *Oracle India Private Limited, Hyderabad, Telengana*  Currently working with Oracle as senior software engineer for their social-platform.  Social Cloud provides a platform , by which customer , based on some keyword can get statistics over social network.  ****Projects****  ****Solr Manager (October-2018 to January-2019)****   * Does scheduled maintenance activity for solr written in scala * Provides CLI for the maintenance activity   Use case of application   * In a configured time it Create / Delete Collections based on dates(Monthly/Weekly) and languages * In a configured time it Create / Delete Query core(For Distributed Query) and update aliases * In a configured time it Checks the health of shards of each collections , and sents alerts if any one is unhealthy * Solr Manager also provided CLI for above operations * In the application we maintain graphite metric , and set threshold to alert if any failure is there   ****Technologies Used :**** SolrJ (provided API to access Solr),Scala,Zookeeper,Graphite,Chef(For Configurations update and deployment)  ****Compliance Archiver (January-2019 to February -2019)****   * Compliance archiver is a module developed for backfill operation * It will write compliance JSON file to file system or to HDFS and from there Compliance Reader will pass down to other pipeline * Alert if any failure   ****Technologies used**** : Scala, Kafka Batch Worker[Developed in house , used to consume messages in batch , and in successful processing will commit the offset]  ****OCI Migration (March-2019 to May-2019)****   * During this period we were moving from one infra to other along with important changes in solr like solr version upgrade required data type changes , way to query solr * Writing chef cookbooks for the applications for deployment   ****Technologies/Tools**** ****used**** : Java , Chef , Solr , Shell Scripting  ****Message Tracker (April-2019 to May-2019)****   * Message Tracker is dropwizard based rest application which will track till what level in system did messages went * Used internally by support team , testing team   ****Technologies used :**** DropWizard , Java , Guice  ****Rules Engine (May-2019 to Current)****   * Rules Engine alerts customer based on certain parameters it selects like alert if number of messages is greater than the provided value * Alert if specified amount of +ve/-ve sentiments crosses threashold   ****Techologies used :**** Java , Kafka , Flink (It will process data in real time in a specfied window)  ****Spark Apps Migration to Flink(August-2019 to September -2019)****   * Spark app in realtime writes data to HBASE * To make data processing towards realtime , migrated spark apps to Flink   ****Techologies used :**** Java , Spark , Flink , Hbase |  |  |  |  | | --- | --- | --- | | **2016-09 - 2018-09** |  | Senior Software Engineer  *Netcracker Technologies, Hyderabad, Telangana*  Worked in portal development based on TOMS API.  Worked on creating wrapper on top of Rating and billing Manager(RBM) and exposed rest API to be used by other microservice  ****Key Area :****Java, Spring , JavaScript, ORACLE 11g,ReactJS,Rest Webservice  ****Projects****  ****WindStream Improvement : (October 2016-Jan 2017)****  ****Use Case :****   * Create Rainlet Dashboard and widgets according to specification * Integrate BSS portal in NetCracker TOMS   ****Technologies used :**** Java,Spring,Liferay(6.1),Javascript,JSP  ****BSS DemoBox Development :(Jan 2017-March 2017)****  ****Use Case:****   * Designing and development of the product, writing JavaScript for the UI functionality * Intergarted OAuth 2.0 in BSS portal according to new TOMS * Created Convert and Migrate Bucket Functionality based on new Requirement   ****Tools/Technologies used**** : Java,Spring,Liferay(6.1),Javascript,JSP,oAuth2  ****BSS Portal development :(March 2017-July 2017)****  Use case was to develop customised portal based on customer requirement .  Based on requirement we were asked to design pages and change backend based on requirement .   * Create Trouble Ticket Functionality UI * Sales Order Listing ,Transaction Listing,Summary Page Creation page * Created API for Service issue of a particular service in TOMS   ****Tools/Technologies used :**** Liferay(6.1),Java,Spring,JavaScript,JQuery,JqxGrid,Bootstrap  ****Digital Market Place , Product Development(August 2017-September 2018)****  Digital Market place application is a microservice which talks to rbm by plsql procedure and create rating , whose billing will be done by billing management .  we expose API for other microservices ,  ****Technologies :**** Spring Boot,Spring MVC,Spring JDBC, oAuth2,Pl/SQL |  |  |  |  | | --- | --- | --- | | **2013-06 - 2016-09** |  | Software Developer  *Amdocs, Pune, Maharashtra*  Worked as a senior software developer , in OSS suite , BSS Suite , and tools development for infrastructure team .  ****Key Areas:**** Java, JavaScript, Jenkins, Oracle11g, XPI –Cross Portfolio Installer  ****Amdocs Network Navigator On the Go(June 2013-November-2013)****  ANN-OOTG is a product of Amdocs which lies over Amdocs Cramer OSS suite. It provides the inventory of all networking components by which telecom operator can decide what and where to place their components  Worked as junior developer .  ****Technologies used**** : JavaScript, BackBone.js(very basic), Bootstrap  ****DataBase Enhancement of Jenkins Plugins(December 2014 -March 2014)**** :  Entire status of plugin (i.e. State ,Failure reasons etc) was to be saved to the DB  ****Activities:****   * This involves Requirement Gathering , development and Testing * End to End Design of DB Structure, DB Queue , Development , Testing ,Delivery and Support   ****Key Areas:**** Java, Maven,Oracle  ****Amdocs Monitoring and Control (April 2014- March 2015 ):****  This Product of Amdocs provided a framework over which one can Monitor ,control their process on server .  Used in almost all the products of Amdocs. ****Activities:****   * Was responsible for Enahancement of existing module and Deisgn and Development of new Modules in the product * Design and developed Proprietary Enablement in Different locale of the product * Design and developed Global Logon feature of the product * Bug Fixing and Support   ****Key Areas:**** Java,Javascript,JSP, Maven,Oracle  ****Ordering Management System (April 2015,Sept 2016) :****  Description:  This is a CRM product of which is used in the BSS layer of telecom field .  ****Activities:****   * Was responsible for Enahancement of existing module and Deisgn and Development of new Modules in the product * Bug Fixing and Support   ****Key Area :**** Java,Spring |     **Education**       |  |  |  | | --- | --- | --- | | **2010-08 - 2013-05** |  | **MCA: Computer Application**  NIT Durgapur - Durgapur   * Graduated in Top 10% of Class * CGPA : 8.2 |  |  |  |  | | --- | --- | --- | | **2007-08 - 2010-05** |  | **Bachelor of Computer Applications: Computer Application**  Patna College,Patna University - Patna,Bihar  2nd in class.  Percentage : 83.33% |  |  |  |  | | --- | --- | --- | | **2004-08 - 2007-05** |  | **12th: Physics,Chemistry,Mathematics,English,Hindi**  College of Commerce - Patna  Percentage : 60.66% |  |  |  |  | | --- | --- | --- | | **2003-05 - 2004-05** |  | **10th**  B.D. Public School - Patna,Bihar | |  |  | **Contact**      Address  Flat-104,Leela House,SriRam Nagar Colony, Block-C,Kondapur  HYDERABAD, Hanuman Temple, 500084  Phone  865 736 8884  E-mail  ranjanra.india@gmail.com  LinkedIn https://www.linkedin.com/in/rakesh-ranjan-99653131  WWW https://github.com/rkes    **Skills**      Java    Excellent  Spring    Very Good  Scala    Good  Spring    Good  JavaScript    Good  Zookeeper    Good  Kafka    Good  Hbase    Average  Python    Average |  |

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