

Senior Software Developer/Onsite lead Senior Software Developer/Onsite lead Senior Software Developer/Onsite lead - Cognizant/Aetna Hartford, CT To pursue a career in an environment that allows use and expand my technical skills and expertise to introduce efficiency into the data-analysis and data-manipulation needs of my employer to support improved profitability and corporate growth. Work Experience Senior Software Developer/Onsite lead Cognizant/Aetna 2013 to Present Involved in design and enhancement of the ingestion framework which sqoop/ingest the data from disparate data sources like RDBMS, XML and flat files. Developed XML parsing framework for ingestion team to handle massive survey XML data. Automated the file extraction process from Amazon S3 to Hadoop to ingest files from external vendors. Developed cost transparency framework using Scala/Spark to empower Aetna members by providing them cost estimation when they opt for a procedure or a service. Involved in the entire DevOps cycle for the scala/spark applications Managed the setting up GitHub repository and performed the role of reviewer/approver. Wrote test cases using ScalaTest to automate the testing in DevOps process

Worked in setting up the Scala Build Tool(SBT) and educate team members about SBT to automate the build. Worked with cross-teams for scheduling the scala application through internal Workload framework Proposed, Designed and developed Java Swing UI application which supports the business analyst who verifies the outcomes of the Cost transparency framework.

Built a Pig data pipeline to find out the prospect members who are currently eligible for medicare but not yet enrolled. Built a Hive data pipeline which reports utilization parameters like continuous admissions and bed days calculation Designed and Developed J2EE/Spring based Web applications for manual re-pricing and network cascading arrangements Worked on prototyping approach where HTML prototypes will be presented to stakeholders in brainstorming sessions to gather requirements. Wrote Junit test scripts using Mockito framework in order to automate the unit testing. Software Engineer Vanenburg software India Pvt Ltd 2010 to 2013 Developed services for supporting Near Real Time search functionality using Solr. Developed servlet filters at container level for filtering out Solr queries. Developed custom XML response writers for Solr and custom data import handler for migrating the Solr indexes from Hbase Provided insights on

developing Solr queries for the UI developers Worked on installation and deployment documentation of the Solr HA cloud set up for the beta release of the product Developed Lucene - based APIs to process and index the structured data. Developed the persistent mechanism of the indexes in Hbase. Involved in the development of information retrieval from Hbase for search. Contributed to the technical discussions for Hbase and Lucene integration for performance improvement and index sharding. Associate Software Engineer Cordys software India Pvt Ltd 2009 to 2010 Developed a Netbeans platform based plugin for iReport designer, which will allow a user to design the report by consuming the webservices and publish back the designed report to the Cordys Process Factory repository using iReport APIs. Developed Swing user interfaces for establishing connection, consuming webservices, publish and import reports in iReport designer. Created methodsets (webservices) for supporting the functions of the plugin using Cordys BOP4. Developed the execution layer of the reports using JasperReports APIs. Documented on help pages in Cordys wiki about the iReport and plugin usage. Education Master of Computer Applications in Computer Applications PSG College of Technology - Coimbatore, Tamil Nadu Academy of Healthcare Management Skills Hadoop, Hbase, Hive, Json, Lucene, Pig, Solr, Svn, Xml, Sqoop, Hbase, Solr, Hadoop, Lucene, Eclipse, J2ee, Java, Spring, jquery, Jsp Links <http://www.linkedin.com/in/jagadeshkumar-balasubramanian-50801614> Additional Information TECHNICAL SKILLS Hadoop Ecosystem Hadoop 2.7.3, Hive 1.2, Scala 2.11.8, Sqoop, Shell, Amazon S3, Spark 1.6, DistCp, Pig, Hbase 0.92, Languages/Technology Java, J2EE, XML, JSON, Swing, JSP, HTML5, JQuery, CSS3, WebServices Frameworks Spring, Junit, Mockito, ScalaTest Operating Systems Windows, Linux RDBMS & Libraries MySQL, Solr 4.0.0, Lucene 4.0.0, JasperReports DevOps GitHub, GitLab, ScalaBuildTool (SBT), Tortoise SVN, IBM ClearCase Platforms Cordys Process Factory, Cordys BOP4 IDE & Tools Eclipse, ScalaIDE, Netbeans, Hue, Aginity Workbench for Hadoop, SecureCRT, SecureFX, JIRA, HbaseExplorer, iReport, Jupyter, , Fiddler, Luke

Name: Louis Powell

Email: trice@example.org

Phone: 001-347-306-3368x64204