

Python/Big Data Engineer Python/Big Data Engineer Python/Big Data Engineer Aldie, VA
Authorized to work in the US for any employer Work Experience Python/Big Data Engineer Next
Shift Health LLC - Bethlehem, PA October 2017 to May 2018 Worked on parsing of multiple log files,
segregating the data based on certain attributes and uploading the data into DynamoDB table on
Amazon Web Services. Wrote regular expression to parse files of different formats. Managed Hive
tables in an Big Data environment while facilitating transfer of data between HDFS to RDBMS and
vice versa. Processed and stored the files in Avro, Parquet, ORC and JSON formats as per the
requirement for further processing. Created Hive Staging tables as a temporary directory for
transfer of data between Hive Database and RDBMS. Worked with Big Data distributions such as
Cloudera and Hortonworks. Wrote Python Spark application to join two disparate datasets and
utilized Spark API's to perform transformations and actions on the subset data. Used Unit Testing on
python code. Spark RDD's, DataFrames were used for processing the data from Data Lake. Data
transformed from python collections, textfiles and converted to Key-Value pairs for Spark API
processing. Utilized Apache Solr for tabular and text search on Files and Data stored in Hadoop
Distributed File System. Used Flume and Kafka for streaming analytics processing of web server
logs and store the data collected into HDFS for analysis. Application Programmer Analyst Intern
Best Docs Live Inc - Plano, TX December 2015 to May 2017 Worked as a Python/Django
Developer. Built a back-end API with Django Rest Framework to handle user accounts and
registrations. Collaborated with Senior Developer to handle complicated issues related with
deployment of Django based applications. Resolved ongoing problems and documented progress
of Python project. Developed pages for cross browser and cross platform compatibility. Utilized
Browser Stack to test for compatibility. Wrote Python program to parse and upload csv files into
PostgreSQL Database. HTTP Request Library was used for Web API call. Maintained both Dev and
Production Databases in PostgreSQL environment. PostgreSQL DB was setup in Amazon Web
Services. Data was Stored in HIPPA complaint servers. Deployed the application in Amazon Web
Services. Have experience in Amazon EC2, RDS, S3, Lambda, Elastic Beanstalk and Route 53.
AWS Cloudfront was used as CDN to transfer data with low latency and high transfer speeds. SQL

Developer Mahindra and Mahindra Financial Services - Delhi, Delhi August 2011 to May 2014
Designed Database using different forms of relationships. Documented and maintained database system specifications, diagram and connectivity charts. Work with application developers to identify business needs and discuss solution options. Designed and configured database and back-end applications and programs. Build and maintain SQL scripts, indexes and complex queries for data analysis and extraction. Ran SQL Queries to back up the data from Hand-held devices and perform maintenance. Worked closely and effectively with vendors to replace/repair defective hardware and software. Education Master of Science in Computer Information Science THE UNIVERSITY OF TEXAS AT DALLAS - Dallas, TX May 2017 Bachelor of Engineering in Electronics and Communications ANNA UNIVERSITY May 2011 Skills PYTHON (2 years), WEB SERVICES (2 years), AWS (1 year), DATABASES (1 year), DJANGO (1 year) Links <https://github.com/rjshekar90> <https://www.linkedin.com/in/rajashekar90> Additional Information Technical Skills Languages: Python, Scala, Java, Restful Web Services Frameworks: Spark, Hadoop, Django, Flask, ElasticSearch, AWS Elastic Map Reduce Databases: MySQL, PostgreSQL, Oracle, MongoDB, Hive, AWS Redshift Tools: PyCharm, IntelliJ IDEA, DataGrip, Apache Sqoop & NiFi, GIT, JIRA

Name: Jason Rasmussen

Email: kellykennedy@example.com

Phone: 001-253-762-2552x84773