Rajveer Singh

Software Engineer

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**PROFILE SUMMARY**

* 5 years of IT experience in the analysis, design, development, implementation, and management of full life cycle commercial applications.
* Experience in full-stack development using Python, Flask, Angular2, spark, Aws
* Hands-on experience with Apache Nutch, Apache Solr and Elasticsearch.
* Mastering Web Application Development using HTML, CSS, JavaScript, and Angular and TS framework.
* Hand-on experience in mobile app development using ionic.
* Hands-on experience in writing scripts for web crawling.

**TECHNICAL SKILLS**

* **Programming Languages**: Python, Typescript, Angular2-6.
* **Tools/Frameworks**: Flask, git, Dockers, Html, Bootstrap, Scrapy, Apache Solr, Apache Nutch, Jovo, ionic.
* **Libraries**: Scikit-learn, NLTK, Numpy, Pandas, Pyspark.
* **ML Libraries**: Sckit-learn, NLTK.
* **Database**: MySQL, MongoDB, MSSQL Server, Elastic search.
* **Version Control**: Github, Bitbucket, Git Extension.

**EMPLOYMENT DETAILS**

**LTI** (January 2022 to present)

(Senior Product Engineer in data analyst team)

Key Result Area: *Involved in developing Analyst API’s, creating scripts to parse large data and documents and generate data statics. Developed Rest API using Python with Flask Framework. Analysis data and work with Big Data cloud* maintenance

**PROJECT DETAILS**

* **Project 1**: Anomaly detection
* **Objective**: The objective platform is to find anomalies in pharma and health industry large data. It helps to help analysis their data decision making.
* **Role**: create APIs, working on new features and Bigdata, handle and manage client production environment.
* **Tools Used**: Python 3, Flask, Airflow, Pyspark, Aws EMR, pandas
* **Project 2**: Lumi Scenario Planning
* **Objective**: Lumin is an integrated suite of products that helps businesses monetize AI-powered decision intelligence. Lumin is designed for everyone, to analyze data and share insights in seconds. Lumin instantaneously spots anomalies and based on data predict forecast.
* **Role**: analysis data, create APIs, and working on new features and code maintenance.
* **Tools Used**: Python 3, Flask, pandas, critical path

**Edge Networks** (August 2020 to 14 Jan 2022)

(Software Engineer)

**Key Result Areas***: Involved in developing backend API’s, creating scripts to parse Doc/excel documents and generate reports. Developed Rest API using Python with Django Rest Framework and Flask Framework. Involved Frontend Development in API integration and visualization using Angular and JavaScript.*

**PROJECT DETAILS**

* **Project 1**: IWO (Workforce Optimization)
* **Objective**: The objective platform reads and understands the demand and brings up the most relevant employee profiles from internal database, scores and ranks them making it easier to find the right fit employee. also recommends relevant internal jobs to employees based on their profile. Its reverse maps employee profile to suitable internal job demands based on employee skills and preferences.
* **Role**: create APIs, and working on new features and code maintenance.
* **Tools Used**: Python 2.7, Flask, Angular1.7, Elasticsearch, Mongo dB, celery
* **Project 2**: TA (Talent Acquisition)

**Objective**: The objective behind building this platform reads and analyzes structured and unstructured data in job descriptions and resumes to bring up the most relevant resume matches to requirements. It makes posting jobs on job portals fast and easy thereby enhancing the sourcing experience.

**Role**: create APIs, and working on new features.

**Tools Used**: Python 2.7, Flask, Angular1.7, Elasticsearch, Mongo dB, celery

**Course5 Intelligence Pvt Ltd** (April 2018 to June 2020)

(Software Engineer)

**Key Result Areas***: Involved in developing web applications, backend API’s, creating scripts to parse Doc/excel documents, creating mobile app using ionic. Developed Rest API using Python with Django Rest Framework. Involved Frontend Development in API integration and visualization using Angular.*

**PROJECT DETAILS**

* **Project 1**: [Discovery - An Insights Analyst on Demand](https://course5idiscovery.atlassian.net/wiki/spaces/CDAIAOD/overview)

**Objective**: The objective behind building this product is to enable the business users in the client’s organization to ask any free-flow question leveraging structured data and get the response back in a blended format i.e., Charts, Narratives, and Tabulation. The types of insights are Factual, Anomalies, Causal Factors, Predictions, and Prescriptive Recommendations. And create basic mobile app.

**Role**: front end design, create APIs, and work on the knowledge graph.

**Tools Used**: Python 3.5, Django2, Angular8, Web KPI, neo4J Graph DB, Dialog Flow/Course 5i Persia, JavaScript, ionic

* **Project 2**: Discovery Chatbot

**Objective**: The objective behind building this product is to enable the business users in the client’s organization to ask any free-flow question leveraging structured data using Alexa or Google assistant and get the response back. The types of insights are Factual, Anomalies, Causal Factors, Predictions, Prescriptive Recommendations, and market information.

**Role**: Project Deployment, create Java APIs, use Jovo to deploy modules on Alexa and dialogue flow.

**Tools Used**: Python 3.5, Java, Dialog Flow, Alexa, Jovo

* **Project** 3: Market Intelligence Automation Tool

**Objective**: Build a focused search engine that crawls a limited website, news data, articles, Google News, Amazon what’s new sections daily and generate a summary for each article/news using Machine Learning Algorithms.

**Role**: Requirement Gathering, implementation, Project Deployment, in the front end creates a design, creates APIs, and performs different operations.

**Tools/lib Used**: Flask, pysolr, Gensim (PyPy lib), Apache Nutch, Apache Solr, ML, Deep Learning (Text Summarization), JavaScript, Schedulers, Cron Jobs, Angular, MySQL Server, and Linux.

* **Project** 4: Data Processing for Optimizer Suite

**Objective**: The core functionality of the DI OS is to bring the intelligence in our manual processing data thus increasing the efficacy and making it more robust and convenient. With the capabilities of reporting, DI OS provides an effective foundation for extracting new insights across all your research operations. Researchers can cut and splice the data and extract useful insights on a go.

**Role**: create APIs, clean data, apply the different operations.

**Tools/lib Used**: Python 3.6, Flask, SavReaderWriter lib, Java, Angular.

* **Project** 5: Life Science

**Objective**: Developed a service that enables in-house team members to scrape data from a website. by using Python's beautiful soup library. Apply a different operation on crawl data and create excel files for life science team use.

**Roles**: Creating base Architecture of the tool, compare data, create excel file using python library, Project Deployment.

**Tools Used**: Python 3.5, Flask, HTML

**EDUCATION**

* 2012-16: **Computer Science and Engineering (B. Tech)** from Jaipur Institute of Engineering & Technology, Jaipur.
* 2011-12: **high school** from Vivekanand Vidhya Bhawan Jaipur, Rajasthan.

**PERSONAL DETAILS**

* Date of birth: - 30 December 1993
* Languages: - English, Hindi
* Permanent Address: - 100 green town Dadi ka Phatak Jaipur 302012
* Marital Status: - Single
* Current Location: - Delhi