

AKSHAY KUMAR BUNG

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SUMMARY

- Currently working remotely as a Python/Hadoop Developer at an early stage Startup.
 - Knowledge of Hadoop ecosystem like HDFS, MapReduce, Spark, Sqoop, Hive, Flume.
 - Implemented different python packages like Numpy, Pandas, PySpark, BeautifulSoup4 in various projects.
 - Knowledge of RDBMS concepts and experience with writing SQL queries.
 - Good analytical and problem-solving skills, ability to work on own besides being a valuable and contributing team player, strong interpersonal communication skills.
 - Authorized to work in USA for any employer and willing to relocate.
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PROFESSIONAL EXPERIENCE

Python/Data Engineer

Jan 2017 - Present

ADRI Solutions Inc.

Lisle, IL

- Leveraged Sqoop to import data from RDBMS into HDFS
 - Translated business requirements into clean, maintainable code.
 - Developed and designed a 10-node Hadoop cluster for sample data analysis.
 - Developed MapReduce and Spark jobs in python for log analysis and data cleaning.
 - Developed dynamic, low-latency and high performance Django web applications, Integrated backend with MySQL database in linux environment., Increased company sales by 58%.
 - Applied web scraping techniques to extract data from web pages and performed data analysis using pandas and numpy., Increased revenue by 40%.
 - Created a website blocker app using python to increase company's productivity.
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PROJECTS

Movie Recommendation Engine

Mar 2018 - May 2018

- Implemented user based movie recommendation system using Item-Based collaborative filtering and applied on MovieLens dataset containing over 100000 user records.
- Developed the engine using Hadoop and Spark(Pyspark library).

Social Media Website

June 2017-Sept 2017

- Built an Social Media Web Application using Django, Users can create groups and make posts in it.
- Used GIT version control and resolved bugs by utilizing Django Debug Toolbar.

File Sharing App

Feb 2016 - May 2016

- Developed a peer-to-peer file sharing app over multiple nodes, where users can share large multimedia files with other known users to download and use.
- Implemented Authentication, Threading and Networking (TCP/IP, UDP) techniques.

TECHNICAL SKILLS

- **Languages:** Python, SQL, JavaScript
- **Frameworks:** Django, Hadoop
- **Big Data Ecosystem:** HDFS, MapReduce, Spark, Sqoop, Hive, Flume
- **Web Technologies:** HTML5, CSS3, Bootstrap 3, JSON, HTTP
- **Database:** Oracle, MySQL
- **Networking:** TCP/IP, DNS, DHCP, VPN, SFTP

ACADEMIC QUALIFICATIONS

- **Masters in Electrical & Computer Engineering** **Aug 2014 - Aug 2016**
Colorado State University, Fort Collins, Colorado
- **Bachelors in Electronics and Communications Engineering** **Oct 2010 - May 2014**
Jawaharlal Nehru Technology University, India

LEADERSHIP & INVOLVEMENT

- Served as **General Secretary** of Council of International Students Affairs at CSU.
- Organized various on-campus events, recruited volunteers, raised funds for several events.
- Participated in a week long leadership boot camp organized by LEADERSHAPE '16.