Vinay Kumar

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GitHub
http://github.com/vinayinfo/
Stackoverflow
https://stackoverflow.com/users/3951511/vinay-kumar
Linkedin
https://www.linkedin.com/in/vksharma26/

Professional Summary   **Total Experience: 9 Years**

Experienced Python and Django developer with expertise in PySpark, Hive, AWS, GCP, Docker, Elasticsearch, PostgreSQL, and Git. Also worked as a Data Engineer, developing and maintaining data pipelines for processing and analyzing large datasets. Strong problem-solving skills and ability to work in a Linux environment. Seeking challenging opportunities to apply my skills and contribute to the success of a company.

SKILLS SUMMARY

- Programming languages: Python, SQL, Java, Php
- Web frameworks: Django, Django REST Framework, Flask
- Big data tools: PySpark, Hive, Apache Kafka, Pandas,NumPy
- Cloud platforms: AWS (EMR, S3, Managed Airflow, Lambda, Glue, Batch)
  GCP (Dataproc, Composer, PubSub, Cloud Task, CloudRun)
- Containerization: Docker, Kubernetes
- Databases: Oracle, PostgreSQL, MongoDB, Elasticsearch
- Version control: Git, SVN
- Web Server: Nginx, Apache HTTP server, Gunicorn
- Operating systems: Linux, Windows
- Home Automation: Alexa, Raspberry Pi.

RESPONSIBILITIES

- Developed and maintained data pipelines for processing and analyzing large datasets using PySpark, Pandas, Numpy and Hive.
- Collaborated with cross-functional teams to design and develop web applications using Python, Django, and Django REST Framework.
- Worked on cloud platforms such as AWS (EMR, S3, Managed Apache Airflow, Lambda) and GCP (Dataproc, Composer, PubSub, Cloud Task, CloudRun) to build scalable and reliable solutions.
- Containerized applications using Docker and managed container orchestration using Kubernetes.
- Utilized databases such as Oracle, PostgreSQL, and Elasticsearch to store and manage data.
- Managed source code using Git and SVN for version control and collaborated with teams for code review.
- Analyzed production incidents and logs, performed data quality checks, and wrote unit tests to ensure high-quality deliverables.
- Integrated code quality checks and security scans in the CI/CD pipelines using SonarQube, Snyk, and Blackduck to ensure high-quality and secure deliverables.
- Determined operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.
- Developed and maintained CI/CD pipelines using GitLab CI/CD and Jenkins for automated build, test, and deployment of applications.
- Mentored junior web developers, provided guidance, and evaluated their performance to ensure quality deliverables.

WORK HISTORY

Company	Designation	Duration
Accenture Solutions Pvt. Ltd. Gurgaon	Data Engineering Consultant	June 2021 to Till Now
Harman Connected Services Corporation India Pvt. Ltd, Pune	Senior Product Engineer	July 2016 to May 2021
Plancess EduSolutions Pvt Ltd, Mumbai	Python Developer	December 2015 to June 2016
Leo Technosoft Pvt. Ltd, Pune	Software Developer	August 2014 to October 2015

PROJECTS

- **Advance Auto Parts** (**June 2021 to Till Now**)
  Designed and implemented a data pipeline to process raw data for an auto parts company. The pipeline is responsible for collecting, cleaning, transforming, and aggregating data from various sources to create a consolidated dataset that can be used for analysis and decision-making.
  The result of the project is a set of recommendations for the auto parts company to improve its product offerings, increase profitability, and enhance customer satisfaction. These recommendations are based on data-driven insights and are supported by robust analytical models and visualizations.

- **DealerTrack** (**July 2016 to May 2021**)
  Designed and developed a website that serves as a platform for dealers to sell various types of vehicles and provides financial assistance to potential buyers. The website offers a user-friendly interface that enables dealers to list their inventory and showcase their vehicles with detailed descriptions and high-quality images.
  To develop this website, you have utilized Python programming languages, Django frameworks, DRF and libraries, as well as web development tools such as HTML, CSS, ReactJs, Docker, Kubernetes and responsive design and implemented secure payment gateways, data encryption, and other measures to ensure the safety and confidentiality of user information.
  Furthermore, we integrated Alexa and Raspberry Pi for Dealer shop automations. Through Alexa, users can easily access vehicle details, parts information, locations, and prices, enhancing the overall convenience and efficiency of the platform.

- **Wiki Reviews** (**December 2015 to June 2016**)
  This website is a platform for users to share their opinions and experiences regarding various aspects of business, products, movies, and professions. Users can provide ratings, write reviews, and give feedback on the entities they have interacted with. The website aims to facilitate informed decision-making for others by providing a diverse range of reviews from real users. Through this website, users can gain insight into the quality and reputation of the entities they are interested in, as well as share their own experiences and opinions with others.

- **Supplier IQ** (**August 2014 to October 2015**)
  This project is an intelligent business matching platform designed to connect buyers and suppliers based on their preferences and requirements. The platform is implemented using Elasticsearch, which is a highly scalable and powerful search engine that can handle large volumes of data. By leveraging Elasticsearch's advanced search and recommendation algorithms, the platform can provide highly relevant and accurate matches between buyers and suppliers. Using this platform, buyers can easily find and connect with suitable suppliers, while suppliers can increase their visibility and reach new customers.

ACADEMIC QUALIFICATION

DEGREE	SCHOOL/COLLEGE	BOARD/UNIVERSITY	YEAR OF PASSING	MARKS (%)
M.C.A	NBN Sinhgad School Of computer studies	University of Pune	2014	64.97
B.Sc. (Electronic)	Fergusson College	University of Pune	2011	66.26

PERSONAL DETAILS

Date of Birth : 26th January 1990
Sex : Male
Marital Status : Married
Nationality : Indian
Linguistic skills : English, Hindi
Present/Permanent Address : 371-B Block A, Anand Pur Dham,
   Karala, Delhi 110081
Passport Number : S6381787

DECLARATION

I hereby declare that the above-written particulars are accurate to the best of my knowledge and belief.

Vinay Kumar