

DATA ENGINEER



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PROFILE

Big Data Enthusiast having 3.4 years of experience with proven expertise in object-oriented programming, Big data handling and overseeing all facets of Software Development Life Cycle.

PRO SKILLS

PROGRAMMING - Python, SQL, PySpark, C, C++, Java,

AMAZON WEB SERVICES - AWS S3, EMR, Lambda.

WEB TECHNOLOGIES - HTML, CSS, JavaScript, AngularJS, Bootstrap

FRAMEWORKS - Spring, Hibernate

BIG DATA FRAMEWORKS - Spark

TOOLS/IDE - Eclipse, Jupyter Notebook, VSC

APPLICATIONS - MS Office

OS: MS Windows 10, Linux.

DB - MySQL, Oracle, Snowflake DB, Amazon S3.

EDUCATION

B.TECH - 2013-2017

SCHOOL NAME - NIEC, GURU GOBIND SINGH INRAPRASTHA UNIVERSITY, DELHI, INDIA.

SPECIALIZATION - INFORMATION TECHNOLOGY.

CGPA - 67.73 %

HIGH SCHOOL(10+2) - 2011-2013
SCHOOL NAME - S.D.P.S NEW DELHI

CGPA - 73

ORGANISATIONS

JOB TITLE - Senior Systems Engineer	FEB 2020 - PRESENT
COMPANY NAME - INFOSYS LIMITED, PUNE	
JOB TITLE - Systems Engineer	FEB 2018 - FEB 2020
COMPANY NAME - INFOSYS LIMITED, PUNE	
JOB TITLE - Systems Engineer Trainee	FEB 2018 - MAY 2018
COMPANY NAME - INFOSYS LIMITED, PUNE	

PROJECTS

PROJECT EXPERIENCE (INFOSYS LIMITED)

• Project Name: Data Engineer for Global Foundries:

Technologies Used: PySpark, Snowflake DB, AWS like Jupyter Notebook, AWS S3, EMR.

Description: The project deals with accessing huge chunks of raw data generated by GLOBAL FOUNDRIES Factories in different file formats and their data conversion to readable and usable datasets using various aggregations and transformations so that efficient analysis could be performed on the processed data.

Role: Data Engineer:

- Interacting with client to understand the structure of data of the input raw data generated from the different GF factories and the transformation and analysis required to get the final dataset.
- Create a PySpark code to load files from a different file locations, perform the desired operations and transformation on the data fields and storing the processed data in suitable file format to the required SF or S3 location.

• Project Name: Trade Finance Migration for Deutsche Bank:

Technologies Used: Java, Oracle, Unix, Java 8.

Description: The project is based on Java, Oracle where infrastructure migration from Java 4 to newer versions is done. Suitable code changes to make the code more efficient are made. The migration also involves batch scripts which were migrated from AIX to RHEL servers and workload automation jobs migrated from IBM Maestro to BMC Control M Tool.

Role: System Engineer:

- Interacting with client to validate the understanding and analysis of the change required.
- Identifying the vulnerabilities of the previous version of the framework.
- Involved in the migration of the version and enhancing the functionality by making suitable code development.

TRAININGS/ INTERNSHIPS/ CERTIFICATIONS:

Infosys Certified Python Developer.
Finished Generic Training in Python
at Infosys Mysore.

Infosys Certified Java Developer.
Finished Stream Training in Java at
Infosys Mysore.

Training in Core Java by Alma Mate.

Summer Internship at Aircel Pvt Ltd.

Udemy Python for Data Science.

Infosys Certified in Agile
Methodologies.

PERSONAL DETAILS:

LINKEDIN - [linkedin.com/in/vaibhav-singh-softwareengineer](https://www.linkedin.com/in/vaibhav-singh-softwareengineer)

ADDRESS - WZ 58-A Main Bazar,
Shadipur, New Delhi-110008

FATHER'S NAME - RAMESH SINGH

REFERENCES:

NAMIT AMARPURI, BUSINESSMAN,
M-9560059424

JAYANT CHABBRA, ASSOCIATE
CONSULTANT, INFOSYS LIMITED,
M - 9888886921

PROJECT EXPERIENCE (INFOSYS LIMITED TRAINING)

• Project Name: PyAdventure Application

Technologies Used: Python and Oracle-SQL

Description: It is an application where a user can book different adventure sports for a fixed number of people, user can register and login in the application to choose different sports.

• Project Name: Top 10 Customers App

Technologies Used: HTML, Bootstrap, AngularJS, Java, Hibernate

Description: This app was used to extract details from another app from exposed APIs to view the top 10 details of customers.

PROJECT EXPERIENCE (B.TECH)

• Data analysis using Hadoop:

This project helps to analyse data using Hadoop Framework.

The objective is to perform business data analysis using Hadoop Framework which involves following two tasks:

- Downloading data (tweets) from sources such as Twitter using the Flume Tool.
- Analyze the data by applying particular query so as to access data specific to particular customer, sales, product, etc.

• Online Library and Education Portal (minor):

This project is to allow an online access to various reading and learning resources.

After studying and gaining enough knowledge, one can also give quiz to check the knowledge about the subject.

ACTIVITIES AND ACHIEVEMENTS

ACHIEVEMENTS (INFOSYS)

- Successfully delivered quality code to all delivery deadlines.
- Got client appreciation and awarded to lead various functions.

ACHIEVEMENTS (AS A STUDENT)

- Volunteer at Leaders for Tomorrow (not-for-profit youth movement).
- Head organizer of outdoor events in Tech Verve 2016 and annual sports meet 2017 techno cultural fest held at Northern India Engineering College.
- Event Coordinator at Innoviz16 (Annual Techno-Cultural Fest of Northern India Engineering College).
- Head of organizing team of annual sports meet 2017. Successfully organized various sporting events like football, kabaddi, athletics, arm wrestling, badminton, etc.
- School Head Boy for the Academic Year 2012-2013 at S.D. Public School, New Delhi-8.