

Virendra Singh

Software Developer

Analytical Software Engineer adept at resolving complex issues. Critical thinker who addresses customer issues quickly and who consistently exceeds performance standards. Level-headed and calm in stressful situations with well-developed people skills.

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WORK EXPERIENCE

Software Developer Anand Rathi IT Pvt. Ltd.

12/2020 - Present

Jodhpur

Achievements/Tasks

- Implemented Security measures on ARMF tool.
- Fixed bugs in existing software contributing to reduction in customer complaints.

Associate Software Engineer SplashBI

01/2019 - 07/2020

Hyderabad

Achievements/Tasks

- Implemented & Debugged Java code and updated previous frameworks for the **SplashBI analytics** platform.
- Proactively reviewed code, analyzed development process to drive continuous improvement, executed tests and located root causes of problems by reviewing code, configuration files, and logs.
- Deployed challenging back-end and front-end of the product to build future of business process automation, by fixing bugs related to **Java, Javascript and database queries**.

Intern

GSOC - 2019 | The Apache Software Foundation

05/2019 - 07/2019

Remote

Achievements/Tasks

- The project involved the development of statistical API using Java Streams and functional programming for Big Data processing.
- Successfully passed the first evaluation phase of the project.
- Gained experience in version control system (Git & GitHub) and worked on Apache Maven.
- Maintained coding standards as per guidelines thus reducing the complexity and improving maintainability of the code. Gained knowledge about programming check styles, unit testing with Junit framework.

EDUCATION

B.Tech in Computer Science & Engineering with Specialization in Business Analytics & Optimization

University of Petroleum and Energy Studies

2015 - 2019

Dehradun(India)

SKILLS

Java

SQL

HTML

CSS

Javascript

Git/SVN

SplashBI

PERSONAL PROJECTS

Real-Time Video Surveillance & Image Monitoring System (08/2018 - 11/2018)

- The existing video surveillance systems do not pre-process the data, thus they report only the instances that are detected by a third party monitoring it.
- Thus this project deals with given still or video images of a scene, identify or verify one or more persons in the scene using a stored database of faces.
- This project was developed in Python language using OpenCV library.

Optimized indexing of unstructured data for data lake environment (01/2018 - 04/2018)

- There is absence of metadata repository to handle unstructured data in Data-lake, as a result most data lakes actually look more like data swamps.
- The project's indexing approach technique was compared with Apache Lucene performance to handle unstructured data and significant results were obtained.

Development of R libraries and visualization of data points (08/2017 - 11/2017) (08/2017 - 11/2017)

- Developed R libraries(for R language) by setting up the communication between R vectors and the corresponding C types.
- Computed the space and time complexity while working on different platforms. Visualization of data obtained from the space and time complexity factors.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

AI & ML

Mindfulness

Cricket

Puzzles

Reading non-fiction books