

Virendra Singh

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SKILLS

Programming:

Core Java • JavaEE • HTML • CSS • Javascript

Frameworks:

Spring • SpringBoot • Hibernate

Database:

SQL Server • MySQL

PROJECTS

School Management System

- Implemented in JavaEE.

Email tracker

- Sender notified by email & new entry added in sheet when email is opened.

Optimized indexing of unstructured data for data lake environment

- Inverted indexing implemented to attain results.
- The results were compared with Apache Lucene and significant results were obtained.

Development of R libraries and visualization of data points

- Developed a sorting library by setting up communication b/w R vectors and C types.

Real-Time Video Surveillance & Image Monitoring System

- Given still or video images of a scene, this project identify or verify one or more people using stored database of faces.
- Developed in python using OpenCV.

Personal portfolio website

- Jekyll with Github pages used.

EDUCATION

University of Petroleum and Energy Studies

B.TECH IN COMPUTER SCIENCE & ENGINEERING

2015-2019 | Dehradun, India

EXPERIENCE

Anand Rathi IT Pvt. Ltd. | SOFTWARE DEVELOPER

Dec 2020 - Present | Jodhpur, India

- Implemented OWASP security measures on ARMF tool.
- Implemented API integrations single handedly in all the 3 layers of the architecture.
- Development of features in ARMF tool, handling front-end(JSP), Business logic(Spring) and Database(SQL Server), along with API development to be used in mobile apps.
- Fixed bugs in existing software contributing to reduction in customer complaints.

SplashBI | ASSOCIATE SOFTWARE ENGINEER

Jan 2019 - July 2020 | Hyderabad, India

- 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.

GSOC-2019 | THE APACHE SOFTWARE FOUNDATION- INTERN

May 2019 - July 2019 | Remote

- The objective of this project was to develop a statistical api using Java Streams and Functional Programming to be used for Big Data processing.
- I passed the First Evaluation of the project.
- In the project I gained experience in Version Control System (Git & GitHub). I learnt and worked on Apache Maven. I learnt programming check styles. I learnt Unit Testing with Junit framework. And also, coding experience with Industry experts.

UPES | SOFTWARE ENGINEERING INTERN

June 2018 - July 2018 | Remote

- The objective of this project is to detect hate speech in tweets.
- For the sake of simplicity, we say a tweet contains hate speech if it has a racist or sexist sentiment associated with it.
- So, the task is to classify racist or sexist tweets from other tweets.

CG Technosoft Pvt Ltd | WEB DEVELOPMENT INTERN

Jun 2017 - Jun 2017 | Jodhpur, India

- The 4-weeks training covered the fields Web Development and Database Management Systems (Both SQL and NoSQL). Completed Projects on MongoDB and MySQL.