Virendra Singh

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SKILLS

Programming:
Core Java • JavaEE • HTML • CSS • Javascript

Frameworks:
Spring • SpringBoot • Hibernate

Database:
SQL Server • MySQL • Sybase

PROJECTS

URL shortener
- Implemented using Base62 conversion.

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
- Built using Jekyll with GitHub pages.

EDUCATION

University of Petroleum and Energy Studies
B.Tech in Computer Science & Engineering
2015-2019 | Dehradun, India

EXPERIENCE

Wissen Technology | Software Engineer (Consultant to Morgan Stanley)
Sep 2021 - Present | Mumbai, India
- Developed a tool from scratch.
- Part of core team for MSGR Externalization project in the complete SDLC of the project starting from planning & analysis.
- Did POCs on multiple things during the project lifecycle including the caching technology like ElasticSearch, Redis & Hazelcast.
- Developed features in project, handling Business logic(Spring Boot) and Database(Sybase), along with caching implementation.
- Built generic grid data APIs that gave dynamic output from different tables and also supported excel like features keeping system performance in mind.

Anand Rathi IT Pvt. Ltd. | Software Developer
Dec 2020 - Sep-2021 | 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.

INTERNSHIPS

GSOC-2019 | The Apache Software Foundation- intern
May 2019 - July 2019 | Remote

UPES | Software Engineering Intern
June 2018 - July 2018 | Remote

CG Technosoft Pvt Ltd | Web Development Intern
Jun 2017 - Jun 2017 | Jodhpur, India