Harshal Patil

Jalgaon, Maharashtra | ✉ harshalpatil2434@gmail.com | ☎ 91+ 8668255202

Professional Summary

A highly skilled Software Engineer with over a year of hands-on experience in designing and developing scalable software solutions and data pipelines. Proficient in technologies such as Java, and Spring boot. Experienced in building RESTful APIs,Solr and clusters integrated with Zookeeper, and optimizing Elasticsearch clusters within the Spring framework. As a proactive learner and collaborative team player, I stay attuned to emerging

Professional Experience

Name of Company : *Arc Document Solution India Pvt. Ltd*   ***kolkata***
Designation : Software Engineer
Duration : - Dec 2022 - Present

Projects

Search Engine Migration and Optimization

Role: Back-End Engineer

Description:

- Led the migration of search functionalities from Solr to Elasticsearch, improving the efficiency and accuracy of the company's applications.

Responsibilities:

- Developed Java-based indexing logic for Elasticsearch, enhancing search performance.
- Migrated data from Solr to Elasticsearch using custom Java tools.
- Configured Elasticsearch clusters with optimized index mappings and ILM policies.
- Integrated Elasticsearch with application microservices, enabling faster search capabilities.

Technologies:
    Java, Elasticsearch, Solr, Apache Zookeeper, Spring Boot, JUnit

Infrastructure Monitoring Tool

Role: Full Stack Engineer

Description:

- successfully designing and implementing Internal Monitoring and Support Tool from inception to deployment. Proficient in integrating multiple data sources and implementing robust login/logout functionalities using Spring Boot Security. Developed Monitoring Dashboard and Admin Page for tracking active sessions and users, while also implementing user management features for admins. Experienced in backend development with Spring MVC, Spring Security, Spring Data JPA, and Hibernate, as well as frontend development with React. Proficient in migrating applications from traditional architectures to modern, microservices-based architectures

Responsibilities:

- Designed and developed custom monitoring tools from scratch.
- Implemented real-time alerts and visual dashboards for system monitoring.
- Integrated user management and permission controls for secure tool access.

Technologies:
    Java, Spring Boot, ElasticSearch, Solr, React, Redis ,AWS Lambda , SQS , ECR, Docker , Bitbucket , SVN

Education

Post Graduation Diploma in Advance Computing (Grade A)   Mar 2022 – Nov 2022
Acts-CDAC

Bachelors of Technology (8.0 CGPA)   Aug 2018 – Aug 2021
DBATU , Raigad

Diploma (74.00%) **2018**
Maharashtra State Board of Technical Education, Mumbai

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Key Skills

- Programing : **Java**
- **Spring Core, Spring MVC, Spring Boot, J2EE**
- Database: **SQL**(MYSQL, PostgreSQL)**, Elasticsearch,Solr , Spring Data JPA, JDBC**
- Spring Security: **Oauth 2.0, JWT**
- **Microservices Architecture**
- **Linux , Windows, RabbitMQ**
- **Junit**
- Cloud: **AWS, Docker.**
- Version Control: **GitHub , Bitbucket**
- Story Tracking: **Clickup Software**

Personal Details

Full Name   : Harshal Champalal Patil

Date of Birth   : 24 January 1997

Languages Known   : English, Hindi and Marathi

Nationality   : Indian

Address   : plot no.46 ,sudatta colony ,Jalgaon-425001

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Date: Yours Sincerely
Place: Jalgaon, Maharashtra   - Harshal C. Patil