

MD FARAZUL HAQUE

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Skills

- Java
- Spring Boot
- MySQL
- Elasticsearch
- Ansible
- Hadoop HDFS
- HBase
- Solr
- AWS Lambda
- SQS
- RabbitMQ
- Redis
- Docker
- HTML
- CSS

Education

M.Tech in Software Engineering

Babasaheb Bhimrao Ambedkar University, Lucknow

June 2022

Percentage: 81.7

P.G Diploma in Advanced Computing

Centre for Development of Advanced Computing (CDAC), Patna

April 2022

Percentage: 85.00

B.Tech in Computer Science Engineering

Aliah University, Kolkata

November 2020

CGPA: 7.02

Summary

Results-driven Software Engineer with skills in Java, Spring framework, requirement definition, release management, and code debugging. Innovative and creative in developing fresh designs to meet current and forecasted needs. Eager to contribute innovative solutions in a dynamic role that leverages my skills and drive for impactful software development. I seek a position that provides the right opportunity to explore my skills, excel my knowledge, and achieve new milestones. Works great with technical and non-technical teams to coordinate on-time, quality releases.

Experience

Software Engineer - ARC Document Solutions, Kolkata | 05/2022 - Current

- Designed and implemented a Spring Boot web app with role-based access for CRUD operations on a database, integrated with a React interface for seamless operation management.
- Designed and implemented a Spring Boot-based monitoring tool to enhance security and operational efficiency.
- Developed a secure web UI with a dashboard to replace manual database queries.
- Integrated necessary database queries into the Spring Boot project to automate data retrieval.
- Implemented user-specific permissions within the web UI to control access to sensitive data.
- Transitioned legacy codebase from Ant to Spring Boot, eliminating vulnerabilities (log4j, HBase, Hadoop) and modernizing the infrastructure with Hadoop HA.
- Migrated the system from manual jar management and Ant build scripts to Spring Boot with pom.xml for dependency management, improving deployment efficiency.
- Enhanced performance and security by introducing Spring Boot features like automatic database connection management and built-in health checks.
- Created cost-efficient Java code for AWS Lambda, reducing operational costs by 40%.
- Led automation of cluster maintenance using Ansible, improving operational efficiency by 35%.
- Automated data backup processes using Bash scripts with HBase snapshots and S3 integration, improving reliability.
- Implemented real-time document updates using Elasticsearch for efficient data indexing.