MD FARAZUL HAQUE

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Experience

ARC Document Solutions   May 2022 – Present
Software Engineer   *Kolkata, West Bengal*

- Engineered a **Spring Boot**-based monitoring tool, enhancing system efficiency and improving security protocols by **30%**.
- Revitalized a decade-old codebase by migrating from **Ant** to a modern **Spring Boot** framework, reducing build times by **50%**.
- Optimized cloud cost management strategies, creating Java-based solutions for **AWS Lambda**, reducing operational costs by **40%**.
- Automated critical processes using **Ansible**, increasing deployment efficiency and reducing manual errors by **35%**.
- Developed and implemented robust **Hadoop High Availability (HA)** configurations, ensuring **99.9% uptime** for essential services.
- Integrated **Elasticsearch** for real-time indexing of documents and folders, improving search efficiency by **45%**.
- Streamlined disaster recovery by automating backups using **Bash scripts**, **HBase snapshots**, and **AWS S3**, reducing recovery time by **60%**.
- Enhanced team productivity by updating legacy libraries, removing security vulnerabilities, and enabling compatibility with modern dependencies.
- Led the design of a **Solr** indexing solution, achieving **20% faster** query response times in critical workflows.
- Collaborated with cross-functional teams to deploy scalable, fault-tolerant infrastructure leveraging **AWS EC2**, **Auto Scaling**, and **Load Balancing**, improving system reliability by **50%**.
- Designed and implemented **JWT**-based authentication for secure API access, reducing unauthorized access attempts by **80%**.

Technical Skills

Programming Languages: Java, Python, Bash, HTML, CSS
Frameworks and Libraries: Spring Boot, React
Cloud Platforms: Amazon Web Services (AWS)
DevOps Tools: Ansible, Docker, Git
Big Data Technologies: Hadoop, HBase, Elasticsearch, Solr, JanusGraph
Databases: MySQL, Cassandra, Redis, RabbitMQ
Monitoring and Logging: AWS CloudWatch
Version Control: Git, BitBucket, GitHub
Operating Systems: Linux, Amazon Linux 2023
Other Tools: AWS Lambda, AWS SQS, JWT, react-toastify

Projects

Pharmacy E-Commerce Website | *Spring Boot, MySQL, JSP*   February 2022 - March 2022

- Developed a Java application using **Spring Boot** for the backend, **JSP** for the frontend, and **MySQL** for the database to create an e-commerce web portal for a pharmacy.
- Facilitated timely delivery of medicines by connecting local medical shops and customers, maximizing reach and ensuring quick service.

Professional Accomplishments

1. Led a team of 5, driving task management, project execution, and on-time delivery.
2. Interviewed more than 20 candidates and helped the team in the hiring process.

Education

Babasaheb Bhimrao Ambedkar University   August 2020 - May 2022
Master of Technology in Software Engineering   *Lucknow, Uttar Pradesh*
Aliah University   August 2016 - May 2020
Bachelor of Technology in Computer Science Engineering   *Kolkata, West Bengal*