

MOHAMMED IFTEKHAR ALAM

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SKILLS

- **Programming Languages and Frameworks:** Core Java ,Spring MVC ,Spring Boot ,MicroServices ,Spring Security ,JWT ,JPA/Hibernate ,Log4j ,JUnit5 ,Html5 ,CSS3 ,JavaScript ,Bootstrap5 ,Angular12
- **Databases:** MySQL ,Oracle ,MongoDB
- **Other Technologies:** OOPs ,Apache Tomcat ,Apache Kafka ,Redis ,
- **IDEs and Platforms:** Eclipse ,IntelliJ Idea ,Visual Studio Code ,Git ,SourceTree ,Bitbucket ,Jira
- **Log Monitoring:** New Relic ,Elastic Search ,Kibana ,Logstash

PROFESSIONAL EXPERIENCE

Yusata Infotech, Jaipur

Aug 2021 - Present

Software Engineer

FastForms:

- Led the team in migrating and developing backend functionality for **Fast Forms** based on user requirements, which saves manual work by **90%**.
- Managed to implement an effective caching mechanism; that improved api performance dramatic, by **90%**.
- Efficiently executed a critical dependent drop down task, reducing execution time by **40%** and noticeably improving performance.
- Technologies Involved:- **Java17 ,SpringBoot ,FeignClient ,Redis ,MongoDB ,Log4j2.**

YLogAPI:

- Made impactful code enhancements in Spring MVC and Oracle DB legacy application resulting in a **50%** improvement in system performance.
- Diagnosed and resolved critical system bugs that were impacting performance, leading to a **60%** increase in system speed and a **40%** improvement in overall system reliability.
- Revamped API performance by integrating streamlined validation processes on the Java side, leading to a **25%** increase in transaction throughput and enabling smoother operations for the customer service team.
- Technologies Utilized:- **Java8 ,Spring Framework.**

YLogCommunicationEngine:

- Executed the integration of Google's Gmail API into existing systems to streamline client communication, facilitating the delivery of **500+** emails weekly, which enhanced **operational efficiency** and increased **client engagement**.
- Streamlined the deployment process by by-passing the initial email authentication mechanism, reducing deployment time by **100%**, ensuring a seamless launch of the web application for over 1,000+ customers.
- Ensured the integrity of the authentication mechanism following migration, maintaining a secure and seamless engine functionality.
- Technologies Engaged:- **Java8 ,Spring Boot ,Google's Gmail API.**

PERSONAL PROJECT

ExamPortal :

- Engineered Rest APIs using Spring Security & JWT authentication mechanism for securely handling the user access followed by application security ,while implemented caching to optimizing performances.
- Developed a fully functional online portal ,enabling students to register ,take exams ,and receive automated results ,reducing manual processing time by **80%** and increasing exam accessibility by **40%**.
- Technologies Used:- **Java ,Spring Boot ,MySQL ,Angular.**

Mar 2021 - June 2021

EDUCATION

B.Tech in Electronics and Telecommunication Engineering

Ajay Binay Institute Of Technology

|| Cuttack, Odisha

Aug 2017 - July 2021