

# NikathYasmeen Shaik

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## EDUCATION

- University of Missouri-Kansas City** Kansas City, MO  
*Master's in Computer Science GPA:3.84/4.0* Aug 2022- May 2024

## EXPERIENCE

- Deloitte Consulting India Pvt Limited, Client - Thomson Reuters** Bangalore , India  
*Consultant* Oct 2021 - Jul 2022
  - Spearheaded the development of a robust document indexing and search system using Java Spring Boot, Apache Lucene, Elasticsearch, and Solr to ensure efficient content retrieval for a leading global provider of information.
  - Developed a Lucene index analysis and debugging tool within a Java Spring Boot application framework, aimed at inspecting and ensuring the precision and functionality of Elasticsearch-indexed documents.
  - Designed and implemented the Luke Lucene service to validate and optimize the accuracy of the document indexing process, resulting in a 20% increase in retrieval speed and enhanced search functionality.
  - Enhanced indexing strategies using Spring Boot, Elasticsearch, and Solr, leading to a 20% faster query response.
  - Exhibited strong leadership and problem-solving skills in resolving 59 medium security Veracode flaws through secure coding, code reviews, and compliance measures through the Software Development Lifecycle (SDLC).
- Tata Consultancy Services Limited, Client - Walgreens** Chennai, India  
*System Engineer* Aug 2020 - Sept 2021
  - Developed robust Java applications for a Leading US-based Retail Pharmacy Chain, utilizing Java 8, Spring Boot, and Micro services, resulting in enhancing streamlined pharmacy workflows, leading to more efficient service delivery.
  - Leveraged Jasper templates for dynamic report generation by mapping database values to templates based on business needs, which reduced manual data entry by 25% and improved reporting accuracy. Also integrated barcode functionality to streamline medication tracking and reduce dispensing errors.
  - Engineered scalable, event- based , reactive and non-blocking asynchronous RESTful Web Services with Spring WebFlux and WebClient, leveraging Azure Service Bus for reliable message queuing.
  - Demonstrated expertise in Azure Cosmos DB, Blob Storage, and Service Bus, optimizing data storage.
  - Collaborated with a cross-functional team to ensure effective communication and successful project delivery.
- Tata Consultancy Services Limited , Client - Jetstar Qantas airways** Chennai, India  
*Assistant System Engineer* Dec 2018 - Aug 2020
  - Developed 15+ RESTful and SOAP web services with Spring Boot in the airline domain, integrating Amazon MQ and IBM MQ for reliable message queuing, ensuring robust authentication and streamlined data processing.
  - Employed centralized logging using Splunk and application monitoring with DataDog. Also, utilized AWS CloudWatch Logs for detailed log management, reducing system downtime.
  - Leveraged the WSO2 API Manager platform for efficient microservices exposure and management.
  - Implemented reverse proxy solutions to enhance security and load balancing, facilitating efficient traffic management and improved application responsiveness. Proficient in AWS cron job setup for scheduling.
  - Utilized Atlassian tools and AWS for seamless microservices continuous integration and deployment (CI/CD).
  - Responsible for Unit Testing through JUnit and Mockito.Engaged in comprehensive change management processes, System Integration Testing (SIT), User Acceptance Testing (UAT), and production deployments.
- Flex** Chennai, India  
*Junior Engineer* June 2018 - Nov 2018
  - Crafted comprehensive design documents on Confluence, incorporating business and functional requirements, project scope, deployment diagrams and detailed technology stacks. Used J2EE technologies for development.

## PROGRAMMING SKILLS

- Languages:** Java, JavaScript, SQL, Python, Unix/Bash script **Cloud Services:** Amazon Web Services, Microsoft Azure
- Technologies:**J2EE, Spring Framework,Spring Boot, Spring web Flux, Spring Security, Angular, React , Kafka , IBM MQ, Amazon MQ, Micro services, MySQL, MongoDB, Hibernate , JUnit , Mockito , Apache Maven, HTML, CSS , Object-oriented Paradigm, Functional Programming paradigm ,Data Structures and Algorithms, Reactive Programming
- Devops & Tools:** Git, Github, Jenkins, Docker, Kubernetes, Atlassian Tool Suite, Postman, Swagger, SOAP UI