Komas Aryal

EDUCATION

University of Buffalo – Buffalo, NY   **September 1, 2019**
Bachelor of Science – Computer Engineering

TECHNOLOGIES' FAMILIAR WITH

Certifications: AWS Developer Associate
Languages: Java, SQL, XML, HTML
Build Tools: ANT, Maven, Gradle
IDE(s):   Eclipse, Atom, NetBeans
Configuration Tools: GIT, JIRA, Jenkins
Databases: Oracle, MS SQL Server,

PROFESSIONAL SUMMARY

- Professional experience in Object Oriented Programming and Development of web-based Enterprise Applications using Java/J2EE Technologies.
- Experience in Open-Source Java frameworks like Spring Boot, Dependency Injection, Inversion of Control, AOP, Spring MVC, Hibernate.
- Familiar with creating an end-to-end web application using, RESTful APIs, Spring Security API.
- Understanding of Object-Oriented design methodology and Core Java concepts such as multi-threading, exception handling, generics, annotations, Collections, and I/O.
- Experience in consuming and producing RESTful web services using Spring REST.
- Experience building a cloud-native app with Spring Framework & Spring Boot (Auto Configuration).
- Well-versed with creating responsive web applications using CSS media queries and Bootstrap 4.
- Experience in AWS EC2, S3, Elastic Beanstalk, Elastic Search, Lambda.
- Familiar in Web Application Servers like IBM WebSphere and Apache Tomcat.

WORK EXPERIENCE

Client: Ally Bank (Remote).   **June 2022- Present**
 Web Application Developer

- Participated in requirement gathering and framework implementation sessions through Agile TDD methodology.
- Involved in interacting with business users to record user requirements, created the Functional Specification Documents (FRD), and remodeled the existing architecture.
- Developer on converting processes from existing outsourced COTs environments to an Outsystems low code internal environment using Outsystems, SQL, JavaScript, Java
- Shadowed superiors on converting from existing outsourced COTs systems to an internal COTs FICO system to implement rules and pricing for car loans.

Client: The Boeing Company   **September 2021- April 2022**
  Associate Developer

- Leveraged Java, Spring Framework, JPA, SQL, XML, and JSP to design and implement the web application.
- Extensive use of Spring IOC for dependency injection, Spring AOP and Spring Annotations.
- Utilized Java Messaging artifacts using JMS for sending out automated notification emails to respective users of the application.
- Utilized Maven for packaging building and deploying the application.
- Used Jenkins for Continuous Integration.
- Configured and deployed the application using Tomcat as Web Server and WebLogic as an application server.
- Used GIT for source and version control.
- Used Quality Center, Clear Quest, Jenkins, Gravity SharePoint, Java Springboot and Struts to support customer support application.

Client: Verizon, Basking Ridge, NJ   **Jul 2021- Aug 2021**
Java Developer

- Responsible for developing the application according to the requirements and designs by SDLC process of Agile/SCRUM.
- Showed seniors on various Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements.
- Prepared technical artifacts including UML Class diagrams, Sequence diagrams using Rational Rose.
- Used Spring Boot actuator to access current state of running app in production environment.
- Created user-friendly GUI interface using HTML5, CSS3, TypeScript, jQuery, Angular, NodeJS, AJAX, XML and JSON.
- Worked on HTML5 Browser Cache mechanism for storing & retrieving data for application.
- Using JMS to send email or notify companies or users who have subscribed services in our product.
- Secured the API's by implementing Oauth2 token-based authentication & authorization scheme using Spring Security.
- Deployed Spring boot based Microservices Docker container using Amazon EC2 container services and using AWS admin console.
- Involved in creating lambda to validate the files once it reaches AWS S3 and to validate, process and copy data from one table to another table.
- Used SVN as version control to check in/out files and for merging branch to main repository.

AWS Educate – Amazon Web Services   **May 2022- October 2023**

- Deployment
    - Prepare the application deployment package to be deployed to AWS.
    - Deploy applications using AWS Elastic Beanstalk.
    - Participated in requirement gathering and framework implementation sessions through Agile TDD methodology.
    - Deploy written code in AWS using existing CI/CD pipelines, processes, and patterns.

- Security
    - Implement application authentication and authorization.
    - Implement encryption using AWS services.
    - Make authenticated calls to AWS services.

- Deployment with AWS services
    - Write code for serverless applications by configuring AWS lambda functions, creating API endpoint using API gateway and by applying DynamoDB concepts
    - Translate functional requirements into application design.
    - Implement application design into application code
    - Write code that interacts with AWS services by using APIs, SDKs, and AWS CLI.

- Refactoring
    - Migrate existing application code to run on AWS.
    - Optimize applications to best use AWS services and features