Akash Singh

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EXPERIENCE

Microfocus (now OpenText) — *Senior Software Engineer*

May 2022 – PRESENT

Product: Network Automation

Working as Software Development Engineer(R&D) in the development and containerization of products in the domain of compliance, monitoring, and provisioning of large-scale network devices with proficiency in JAVA/J2EE, Micro Services, MySQL, REST, Docker, Spring framework, Install Anywhere, Azure, AWS.

- Designed and implemented a high-performance REST API from scratch using Spring framework.
- Led the successful migration of the codebase from Java 8 to Java 11, ensuring compatibility and leveraging the latest features and enhancements of the Java platform.
- Created and executed integration test cases for REST API to validate functionality and ensure seamless component integration.
- Implemented automation of test cases using the Robot Framework, enhancing efficiency and accuracy in the testing process.

Crimsonlogic — *Software Engineer*

April 2020 – May 2022

Project: Frontier (one-stop convenient Business Licensing platform for Singapore Community end-users)

- Implemented several licenses from Scratch under Singapore Govt using Spring MVC, Java, hibernate for the backend and JSP, JavaScript, and jQuery for Frontend, and developed Restful APIs for different modules in the project as per the requirement.
- •Experienced in developing front-end systems with JSP, JavaScript, jQuery and HTML, and CSS.
- •Resolved production defects reported by public user

PROJECT

Traffic Analyzer for HTTP/HTTPS Web Applications-

The project aims to develop a traffic analyzer for HTTP/HTTPS web applications that monitors and analyses the HTTP/S encrypted traffic for security and attack detection. The main benefit of this project is monitoring and analyzing HTTP/ S Encrypted Traffic, Preventing the leakage of information, Attack Detection, Provides better security.

Complaint Tracking Automation System— JAVA:-

The Project features a JAVA(J2SE) Application that offers an interface for the client to register any complaints/grievances towards the company, which. in return is received by the company and serviced immediately.

EDUCATION

Centre for Development of Advanced Computing (CDAC), Bengaluru — *PG-DAC* (Aug-2019-Feb 2020)

BBDNITM, Lucknow — *B. Tech CSE* (2015-2019)

Navayuga Radiance School, Lucknow — *Intermediate* (2014)

Lucknow Public School, Lucknow — *Matriculation* (2012)

SKILLS

Programming Skills
JAVA, JavaScript, HTML/CSS, Data Structures, and Algorithms

DevOps Technologies
Docker, Kubernetes, Jenkins, SCM, Git, GitHub, AWS, Grafana, Prometheus, Ant, Maven

Framework & Technologies
Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Microservices, REST API, JSP, jQuery, Hibernate, JUnit, Mockito, Web Services, Robot framework

Database System & Tools
MySQL, Postgres, Oracle

Server
Apache Tomcat, JBoss, WildFly

Operating System
Windows, Linux

TECHNICAL CERTIFICATIONS

- AWS Technical Essentials by AWS
- Spring and Hibernate Certification from Udemy.
- Design Pattern in Java from Udemy
- Secure Coding-Secure Application Development from Udemy