Karshil Sheth

Mobile: +919428431023
Visit Profile: **LinkTree**

Email: karshilsheth@gmail.com

EXPERIENCE

Openbet India Pvt Ltd   Oct-2022 - Present
Software Engineer L2 (Full-time)

- Leveraged Java and Spring to optimize the betting platform, **resulting in a 30% reduction in response time**, leading to increased user satisfaction and more bets placed.
- Develop software solutions using industry standard delivery methodologies like Agile across different architectural patterns [TDD & BDD].
- Proactively addressed security vulnerabilities and proficient in debugging and resolving issues and defects.
- Expertise in managing the full software development cycle, **from design (both low-level and high-level), coding, unit testing, to deployment, and defect fixing**.
- Successfully coordinate with multiple stakeholders to ensure smooth project execution.
- Developed new features and functionality for Engineering products and services, including the production of **unit tests cases which reduced the number of defects from 10% to 3%**.
- Extensive experience in the use of **Docker, Ansible, Maven, Jenkins, Sonar, and Git (BitBucket)** .
- Worked for Migration task from **Java 8 to Java 11** for certain micro services which enhanced the performance, memory usage and provided better integration with the containers.
- Responsible for writing clean, efficient, and well-documented code that adheres to industry and client standards, ensuring high code quality and extensive code coverage.

Surekha Technologies Pvt Ltd   Feb 2022 - Oct 2022
Software Engineer (Full-time)

- Responsible for Centralized logging of micro service logs using containerized **Elastic Search, Logstash, Kibana, Filebeat tech stack which reduced the developer's time by 20% for debugging tasks**.
- Implemented Custom Finder methods, Custom SQL and DynamicQuery at service layer for **specific Web Services to reduce developers time by 25%**.
- Worked on the implementation and optimization of Kafka for real-time data streaming, **resulting in a 30% improvement in data processing efficiency**.
- Created and maintained Jenkins pipelines for continuous integration and continuous delivery (CI/CD) to ensure code quality and timely deployments.
- Collaborated with cross-functional teams to define and track project requirements using JIRA, ensuring alignment with business objectives.
- Designed and managed Docker containers, streamlining deployment processes and **reducing server infrastructure costs by 20%**.
- Solved Complex Problems like password rotation policy, **insertion of 1GB of data into database using Data Structures and Algorithms**.

AutoFacets LLP (Gateway Group of Companies)   Jan 2020 - Jan 2022
Software Engineer (Full-time)

- Consulted Clients, Analyzed process flow, prepared design documents, took part in project scrum meetings.
- Tasks done related to Data extraction, crawling, scrapping, data mining, file system extraction (xml,pdf, docs).
- Designed and managed **Solr schemas to accommodate complex data structures, resulting in more relevant search results and a 25% decrease in false positives**.
- Provided technical support for Backend team for Online Digital Library, **with 30 million revenue year**.
- Integrated Solr with data sources, such as databases and APIs, to ensure real-time data updates, **improving search accuracy by 20%**.
- Daily Task of Administration of Kanban Board, Api Dashboard's, Reports Visualization of Testing and Handling Data Traffic.
- Feature Development Related to Api Portal System like Skip-Check Reason, Prototype Configurations, and Encoding String Check in existing servers.
- Done Unit Testing, Integration Testing, Smoke Test for the functionalities created.
- Responsible Api Creation, Api Subscription, Deployment to **1000+ different environments for different teams**.
- Solving Bug issues for clients and stakeholders as per business requirements which are like token validation, server configuration, subscription testing, support tasks for maintenance of existing development.

Honors and Awards

- Oracle Certified Java Professional - May, 2018
- Participated in SSIP Hackathon organized By Gujarat Government - 2020
- Winner in Spark Instincts Coding Competition
- A+ Grade C Certified C-DAC GIST PACE by Government of India - 2017

Skills Summary

- **Languages**: Java 8,11, SQL, C++, Latex, Javascript
- **Frameworks**: Spring, Spring MVC, Spring Boot, Rest Api, Soap Api, Hibernate, JQuery, Ajax, JSP, Elastic Search, Servlet, Kafka, Open API, JAX-RS, Liquibase, mybatis, JPA, Solr
- **Tools**: Docker, GIT, MySQL DB, Influx DB, Grafana, Jenkins, Solr, Ant, Maven, Gradle, Tomcat, Nginx, Jfrog, Posgresql, JIRA, Confluence, Slack
- **Platforms**: Linux, Centos, Windows, AWS - EC2, SQS, SNS, Lambda
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

Education

- **Indus University**   Gandhinagar, India
  Bachelor of Technology - Computer Science Engineering; GPA: 9.66   *September 2016 - June 2020*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases, System Design*