

Senior Software Engineer

Tech-savvy and solutions-focused java Developer with hands-on experience in the computer software industry. Excellent in managing multiple web and software development projects from start to finish within the agreed and timeframe. Well-versed in designing, implementing, testing, and maintaining complex software solutions. Demonstrated exceptional technical background for providing quality solutions as per business goals. Instrumental in collaborating with cross-functional teams to drive project success. Ability to assess user needs and transform them into functional websites and software. Adept at troubleshooting, debugging, and optimising code for improved efficiency. Staying abreast with technological advances & networking environment and investigating and deploying superior infrastructure methods to attain technical goals.

Technical Proficiencies

OO Design | Design Patterns | MicroServices | Monolith | Agile | Java 8 | Java 11 | Kotlin | Spring Boot | Spring Security | spring batch & Cloud | Zuul Server | Config Server | Eureka Server | Ribbon | Zipkin | Mockito | Junit | Swagger | Splunk | Apache Kafka | Elastic Search | Tibco EMS | JavaScript/Typescript | React | Git | MySQL | Redis | SQL Server | MongoDB | Jenkins | CI CD | Docker | Restful Services | NginX | AWS EC2 | AWS RDS | AWS S3 | Glassfish | Tomcat | Maven | Gradle | React | Redux | NodeJS | ExpressJS | Mocha
Chai | Rancher 2.0 | Oracle 11g

Career Experience

Sky Betting and Gaming, London

Dec 2022 to Present

Senior Software Engineer

Interact with teams to enhance development processes, fostering a culture of continuous improvement. Brief the team about client needs and facilitate in shared understanding of project goals. Embrace changes following agile practices, ensuring adaptability and responsiveness to evolving project needs. Engage in collaborative pair programming sessions, promoting knowledge exchange & code quality assurance, and solving production issues, and managing deployments)

Key Contributions:

- Led and contributed to strategic business decisions for enhancing engagement in critical decision-making processes.
- Analysed the client's project stack to identify key areas of improvements, paving the way for strategic enhancements.
- Gathered feature needs from clients and documented changes for understanding before client sign-off.
- Mentored team members on the adoption of best practices for implementing industry standards.
- Developed high-quality code as per Test-Driven Development (TDD) principles, ensuring robust and scalable solutions.

Nisum Technologies, Pakistan

Dec 2017 to Dec 2021

Principal Software Engineer (Aug 2021 to Dec 2022)

Senior Software Engineer (Apr 2021 to Aug 2021)

Software Engineer (June 2018 to Apr 2021)

Associate Software Engineer (Dec 2017 to June 2018)

Collaborated closely with cross-functional teams to design and implement software solutions. Conducted code reviews and provided feedback to enhance code quality. Resolved complex technical issues/problems and optimised

code for improved performance. Executed scalable and efficient software architecture. Performed thorough testing and debugging to ensure the delivery of high-quality code. Engaged in learning to stay updated with emerging technologies and industry trends. Co-ordinated with stakeholders to gather and analyse needs for software development. Maintained software documents for reference and future development. Contributed to the development of coding standards and practices within the team.

Key Contributions:

- Supervised a team of five individuals, fostering collaboration, improving workflow, and achieving project milestones.
- Elevated Macy's project performance, resulting in prompt recognition and promotion to Principal Software Engineer.
- Conducted micro-services workshops for team members, fostering a deeper understanding of this crucial technology.
- Spearheaded interview processes, contributing to the selection of top-tier candidates.
- Delivered impactful Spring Framework training sessions to interns, enhancing their skills and knowledge base.

Key Projects

- **Soccer Feed (Core module of betting system domain):** Gathered the soccer feed from the third party supplier. Ensured all the information pre-match and offered a better outcome for the market. Consolidate soccer feeds coming from third party supplier before match. The technologies we were using are Java 11, Kotlin, spring boot, Maven, Gradle, and Kafka.
- **Hayneedle (US based online furniture store):** Furniture website project was based on monolith architecture. Backend was based on multiple technologies like Java 8, Spring boot, Spring Batch, Maven, MySQL, Klaviyo, Oracle and Redis. Tools used in this project were Jenkins (CI CD), Rancher 2.0 and Splunk.
- **Fulfillment and Delivery Omni Fulfillment & Delivery (Macy's) project based on microservice architecture:** Created the end to end fulfillment of product orders. Backend was based on multiple technologies like Java 8, Spring Boot, Spring MVC, Maven, MySQL, Db2 and Redis. Tools used in this project were Jenkins, Zeus and Splunk.
- **Ilmofy (application for Baitussalam Trust):** Provided a single platform to its user for charity of many things. Also, this application provides features like membership module for users for donation. Moreover, this application is built on react-native and the REST service based on backend technologies like: Spring boot, Java 8, MySQL. The AWS services used in this project are: ec2-instance, rds, and s3 bucket.
- **BGN BGN(Internal Project) is an online food delivery platform:** Provided single interface for multiple brands. Moreover, application is based on multiple backend technologies stack: Spring boot, Spring cloud (Zuul, Config-server, Discovery-server, Feign-Client), Keycloak(IAM), Java 8, MySQL, MongoDB, Redis , ActiveMQ and front-end technologies like React.js, React-Native, and Redux.
- **Collect Data Phase-II Collect Data Phase-II(Macy's) was based on a Microservices Platform (MSP):** Two major micro services that used to validate (business logics and schema validation) requests and then convert it into a binary stream so that it can be consumed by downstream applications. The backend was based on multiple technologies: Spring boot, Tibco EMS, Oracle 11g.
- **One Stop Shop (Internal Project) is an e-Commerce platform:** Allowed users to create their own store. Application is based on multiple backend technologies stack: Springboot, Java 8, MySQL, Kafka, Zuul(API Gateway) , Redis and front-end technologies like React.js and Redux.
- **Ecommerce Training Application (ETA):** It was an Ecommerce website for training purposes. The front-end was based on backbone.js and backend technologies were based on technologies: Spring boot, Kafka, redis. The backend service was based on microservice architecture. We use multiple design patterns on this service like: CQRS pattern, etc. We also focused on the SOLID principle while building the website.

Education

Masters in Data Science | London South Bank University, UK

Languages

English (B2) | Urdu (Native)