

Career Objective:

Results-driven Software Developer with **5.8 years** of experience in designing, developing, and delivering scalable applications. Proficient in Java, Python, and cloud-based technologies, with a strong background in microservices, RESTful APIs, and database management. Adept at collaborating in agile teams to create innovative solutions that meet business objectives and enhance the user experience. Skilled in problem-solving and committed to continuous learning and technical excellence.

Professional Summary:

- Experienced Software Developer specializing in the **Software as a Service (SaaS)** domain with expertise in AWS cloud solutions. Skilled in designing and implementing scalable applications, microservices, and RESTful APIs.
- Proficient in leveraging **Spring Boot's** features for building scalable applications.
- Extensive coding experience and knowledge in Event driven and Java/Python with Apache **Flink** and **Kafka** Streaming using Real Time data.
- Extensive experience in following web technologies: **J2EE, RESTful Web Services, JSON, XML, Cassandra, MySQL, Docker, and Kubernetes.**
- Well-versed in applying **advanced OOP techniques** to manage Java **exceptions**, implement scalable **multithreading** solutions, and **optimize data structures with collections.**
- Seasoned in developing and integrating **Microservices** within complex systems.
- Well-acquainted with the usage of **Eclipse, Maven, SVN, GitHub, Gradle, SonarQube, Jenkins, Jira,** etc. For software development and project management purposes.
- Experienced in implementing Java EE design patterns such as **MVC, Singleton, DAO, DTO, and Factory** to enhance application architecture.
- Familiar with best practices for integrating **Agile/Scrum** practices and **Continuous Integration techniques** into product development.
- Experience with data orchestration tools such as Apache **Airflow** or AWS **Step Functions.**

Summary of Work Experience:

- Working professionally as a Software Engineer with **Toshiba Software India Pvt Ltd (Apr-2023 to till now)** (Current Company).
- Employed as a Software Engineer at **Johnson Control India Pvt Ltd** (Oct-2020 to Apr-2023).
- Worked as a Software Engineer in **Ion-idea Interactive Pvt Ltd** (Dec-2018 to Apr-2020).
- Engaged in the role of Software Engineer at SCORG International Consulting Pvt. Ltd. (Client Loc: Mphasis India Pvt. Ltd) (Jul-2018 To Oct-2018).

Educational Qualification:

- MCA from RGPV University, Bhopal in 2015 with 7.9 CGPA.
- BCA from J P University, Chapra in 2011 with 70.1%.

Technical Skills:

Skill	Rating
Web Programming: <ul style="list-style-type: none"> • Java 7/8/17, Spring Web MVC(Rest), • J2EE, Hibernate, Microservices – Spring boot and Spring cloud • JSON, XML and JavaScript • RESTful web services for platform integration with Apache Kafka 	Proficient
Other Technologies: <ul style="list-style-type: none"> • Data Structure and Algorithms • Hazel-cache, Redis • DevOps - Docker, Kubernetes 	Competent
Source control: <ul style="list-style-type: none"> • GitHub, SVN 	Proficient
Database: Oracle / Postgres / MySQL / MongoDB / Cassandra DB	Proficient
Tools: <ul style="list-style-type: none"> • Maven, Gradle, Log4j, Postman, SQL Developer • IDE: Eclipse, STS, VS Code and IntelliJ 	Proficient

Application Server:

- Apache Tomcat, JBOSS. Web logic

Proficient

Rating Scale:

- Advanced Beginner: Can demonstrate a marginally acceptable performance.
- Competent: Increased level of proficiency, can work without supervision
- Proficient: Intuitive grasp of skill, experienced, can demonstrate at any time
- Expert: Acquired deep understanding of skill, very experienced, can teach others.

Project Details (1):[Current Project]
[Apr-2023 to till now]**Designation:** Software Engineer**Product:** Self-Checkout system (SCO)**Product Description:**

Self-checkouts are designed to be more effective than manual processes like retail stores, where customers can scan, bag, and pay for their purchases without the assistance of a cashier, because they eliminate the need for human interaction during the checkout process, allowing customers to complete their transactions quickly.

Role & Responsibilities:

- Developed data-driven state machine extension to send the request CHEC (Lane) to GUI and POS (Point of sale) to validate the required event and process it and generate the response and send it to GUI which increasing website traffic by 25% and enhancing online visibility.
- Worked on Device connector to support different functionalities (Gift receipt, print receipt, Manual coupon)
- Led a cross-functional team in improving customer satisfaction, resulting in a 50% increase in positive feedback and a 20% reduction in complaints.
- Created API to talk to Self-Checkout peripheral devices (Printer, Scanner, Guidance light, and Coupon Box etc.)

Tool	GitHub, maven, JIRA, Eclipse IDE, PostgreSQL DB, SQLite DB
Environment	Core Java, XML, Json, CPP, Spring Boot, Kafka. AWS

Project Details (2):

[Oct-2020 to Apr-2023]

Designation: Software Engineer**Product:** Qolsys**Product Description:**

Qolsys product called IQPanel was initially sold as B2B product to dealers. Panel mainly used in home security and automation use-cases has majorly UI and Database components driven by web and system level services. End User devices which are two-way data intensive and sensors which are one-way traffic generators are based on various protocols available to generate data. Some of them include SRF, PG, ZWAVE, ZIGBEE and Wi-Fi enabled devices which have individual protocol specific adapters written on panel application code. These adapters are responsible for receiving the data from sensors and sending it to alarm.com for further processing. IQC and IQJ are various components in panel which enable this functionality.

ADC works on polling mechanism for retrieving data from generators. Also, there are inventing mechanisms being used in the project **for real time processing**.

The Architecture of the cloud product is mainly divided into three systems: Panel, Cloud and End-user.

Role & Responsibilities:

- Design and implement highly scalable, secure, reusable services and implement new product functionality.
- Participate in code reviews and contribute to the application architecture design.
- Engineered code that meets standards and delivers the desired functionality using the technology selected for the project and configuration management and code refactoring and manage existing code.
- Engage in technical discussions; participate in technical designs and present technical ideas through white boarding.
- GCP Cloud Engineer will be taking on the creation of development, test and production environments with a goal of high availability, fault-tolerant and scalable system.

Tool	GIT, maven, JIRA, Postman, Eclipse IDE, Presto-driver, Rock dB, Redis-server.
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Environment	Core Java, Spring Boot, Kafka, Cassandra and MariaDB, AWS, Apache Flink, Airflow.
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Project Details (3):

Client Company: Eka Commodity Trade **[Dec-2018 to Apr-2020]**

Designation: Software Engineer

Product: Eka CTRM & ETRM

Product Description:

Eka is the only digital commodity management platform that breaks monolithic CTRM systems into modular, bite-sized chunks of powerful apps. It simplifies contract life cycle management. Determine the best price margin for trades factoring in complexities of route and costing. Rely on solution to manage various contracts, pricing, estimates, accruals, invoices and payments. Respond to market changes with speed and confidence. Manage risk and credit exposure with all counterparties proactively. Track every cost from delay to demurrage Connect all aspects of operations, from penalties to delay costs in one portal. Get a view into all relevant costs at one place with automation of cost tracking. Stay on guard by linking contracts to cost tracking and reporting. CTRM provides all solutions for trading market like PHYSICAL TRADES, ACCOUNTING, DERIVATIVE TRADES, ORIGINATION, LOGISTICS & INVENTORY, PLANNING & SCHEDULING etc.

Role & Responsibilities:

- Involves requirement analysis/functional specification, architecture/design, implementation and integration for server-side Java based product.
- Strong technical development experience on effectively writing code, code reviews, best practices on configuration management and code refactoring.
- Understand User Stories, Analyze, Modifying and Develop the requirement and Update **Jira** as work done in user story by providing comments.
- Implemented REST Micro-services using spring boot. Generated Metrics with method level granularity and Spring Actuator.

Tool	GIT, Maven, JIRA, Postman, Eclipse IDE, Oracle developer, SVN
Environment	Core Java, Spring Boot, Spring (Data JPA, MVC), Oracle and MongoDB, JBOSS Server

Project Details (4):

Client Company: Vodafone, UK **[Jul-2018 to Oct-2018]**

Designation: Software Engineer

Product: Vodafone NewCo

Product Description:

Vodafone Consumer Online is a Web application that provide the facility to their customers to Explore Vodafone latest Local, National and International plans, SMS, MMS plans, tariffs, Different Internet Plans like 2G, 3G and 4G for the different types of consumers like DSL (PC, Laptop), Mobile, Tab etc. this application enabled their customer to pay their bills online, purchase their customized plan and register their complaints as well as share and trace their opinions. The modules in this system are Ecare, Eshop, Help and Support and WEM.

Role & Responsibilities:

- Use agile development methodology to suit the client's specific requirements with specific functionality.
- Designing, developing, testing, troubleshooting and debugging of the applications.
- Responsible for completing, on time, and bug free delivery of the application.
- Cooperating & communicating with other team members for efficient management work.

Tool	Tortoise SVN, Postman, Eclipse, Maven, Siebel Oracle CRM TOOLS
Environment	Core Java, Spring Boot, Hibernate, WebLogic, Oracle and MongoDB

Declaration:

I hereby declare that the above-mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Bangalore
Date:

Signature
Rakesh Kumar