

## **Subham Kumar**

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### **PROFESSIONAL SUMMARY:**

- Over 6+ years of extensive experience in designing and developing Web & Enterprise Applications using JAVA/J2EE technologies, Hibernate, Spring, and Spring Boot frameworks.
- Proficient in Spring Boot and Microservices architecture, with hands-on expertise in Restful Web Services and Spring features like IOC, ORM, and MVC.
- Experienced in version control systems like GIT and Bitbucket for effective code repository management.
- Managed technical projects across their lifecycle, from design and development through testing (DEV, UAT) to production release, ensuring on-time and quality deliveries.
- Strong proficiency in unit testing with JUnit and utilizing logging and debugging tools like LOG4J.
- Optimized performance of a critical application by significantly reducing data load times through efficient data flow management, ensuring full functionality restoration.
- Experience in using GIT, Bit Bucket for code repository.
- Worked in technical projects during design, development, testing (DEV, UAT), Production release & accountable for deliveries.
- Elevated application performance by implementing advanced Java 8 features, resulting in an 80% increase in Sonar code coverage across multiple microservices, enhancing codebase robustness and efficiency.
- Led the end-to-end adoption of DevOps practices, successfully migrating multiple applications from on-premises environments to Azure Cloud using Azure DevOps. Streamlined build pipelines for efficient deployment and management in a cloud-native setup.
- Spearheaded the creation of essential Azure services crucial for migrating over 4 applications, including resource groups, Kubernetes clusters, virtual machines, and Azure Container Registry (ACR), ensuring scalable and efficient deployment infrastructures.
- Managed the Dockerization of frontend and backend applications by developing robust Dockerfiles. Conducted rigorous testing of Docker images to ensure flawless deployment and functionality. Orchestrated the deployment of PostgreSQL images for application databases, including comprehensive data restoration procedures to maintain data integrity and availability.

### **WORK EXPERIENCE:**

- Program Analyst in Cognizant India, Manyata Tech Park Bangalore – June 2019 to July 2021.
- Associate consultant in Capgemini India, Bangalore – 18 -July to Feb 2022.
- Senior Software Engineer in IBM India Private Limited Bangalore – March 2022 to Jan 2023.
- Senior Consultant in Mercedes Benz India Research & Development India Bangalore – Feb 2023 -till Date.

### **EDUCATION:**

- BCA from BIT Mesra, Ranchi in 2017.
- MCA From VIT University in 2019.

**TECHNICAL SKILLS:**

<b>Languages</b>	Java 8, J2EE , spring Boot,
<b>Web Services</b>	Rest API,
<b>Operating Systems</b>	Windows, MacOS
<b>Open-Source Frameworks</b>	Micro services, Restful web Services, Spring Boot and Spring and Hibernate, <b>Angular 12</b> , CSS, and HTML5.

<b>Database</b>	MySQL, SQL and Mongo DB
<b>IDE</b>	Eclipse, STS, IntelliJ
<b>Web/Application Servers</b>	Apache Tomcat
<b>Version control</b>	Git, bit bucket
<b>Build tools</b>	Maven, Jira, Azure Devops
<b>Other Tools &amp; Methodologies</b>	Postman, JIRA, Agile Methodologies and Jenkins.
<b>cloud</b>	AWS, Azure , cloud computing

**PROFESSIONAL EXPERIENCE:****Project # 1: IAPPLI****Duration: June 2019 to June 2021****Environment: Java, Spring Boot, Data Jpa, Micro- Services, RESTful Services,**

## **SOCIETE GENERALE: Banking Domain**

**Role: Backend developer**

***Designation: Programmer Analyst***

### **Description**

The project's goal is to implement a fully automated system for collecting customer information and quickly processing customer queries.

### **Responsibilities**

- Involved in gathering the requirements, analysis, design & development of the project.
- Involved in development of Web Forms, classes using JAVA that incorporates both N-Tier Architecture, and Database Connectivity
- Developed Web Forms using JSP, JavaScript, jQuery, HTML and CSS
- Developed Component classes using MVC patterns.
- Worked with Azure cloud Docker and Kubernetes • Used AJAX to send asynchronous requests to server.
- Involved in code review using Sonar Qube
- Involved in the **Unit** test and Integration testing.
- Supported for DAV and UAT phases for defects fixing.

### **Achievement:**

Successfully built client trust by effectively leading teams, mature communication and continuous development and delivery

## **Project # 2: PayPal**

**Duration: June 2021 – Feb 2022**

**Environment: Java, JSP, Spring Boot, Data Jpa, Micro- Services, RESTful Services,**

**Synchrony: Banking Domain**

**Role: Lead Backend developer**

***Designation: Associate Consultant***

### **Description**

The project's goal is to implement a fully automated service in which users will receive free EMI service notifications on their cell phones based on their transactions. and worked as a Java 5 to Java 8 migration. worked with deployments.

### **Responsibilities**

- Involved in gathering the requirements, analysis, design & development of the project. • Developed Web Forms using Angular8, JavaScript, jQuery, HTML and CSS
- Developed Component classes using MVC patterns.
- Developed Persistence layer using Spring Data Jpa framework.
- Created batch jobs to process client notices on daily basis.
- Created server controls using Spring Controller classes.
- Worked with project managers and other team members.
- Involved in code review using Sonar Qube
- Involved in the Unit test and Integration testing.
- Supported for SIT and UAT phases for defects fixing.

#### **Achievement:**

Successfully built client trust by effectively leading teams, mature communication and continuous development and delivery.

#### **Project # 3: MSPNCTSP5**

**Duration: March 2022 -Jan 2023**

**Environment: Java, JSP, Spring Boot, Data Jpa, Micro- Services, RESTful Services, Federal Public service FINANCE: Banking Domain**

**Role: Full stack Application**

***Designation: Senior software Engineer.***

#### **Description**

The project's goal is to implement a fully automated user end-to-end transaction in which he can monitor their products and obtain status information, as well as work as a Java 8 to Java 17 migration.

#### **Responsibilities**

- Involved in gathering the requirements, analysis, design & development of the project.
- Involved in development of Web Forms, classes using JAVA that incorporates both N-Tier Architecture, and Database Connectivity
- Developed Web Forms using Angular8, JavaScript, jQuery, HTML and CSS
- Developed Component classes using MVC patterns.
- Developed Persistence layer using Spring Data Jpa framework.
- Involved in code review using Sonar Qube • Involved in the Unit test and Integration testing.
- Supported for SIT and UAT phases for defects fixing

### **Achievement:**

- Successfully built client trust by effectively leading teams, mature communication and continuous development and delivery.

### **Project # 4: Mercedes-Benz (MBRDI)**

**Duration: Feb 2023 - present**

**Environment: Java 8, Spring Boot, , Micro- Services, RESTful Services, Angular 12, Cloud computing, Azure devops, Docker.**

**Mercedes-Benz: Automobile Domain**

**Role: Full stack Application**

***Designation: Senior software Engineer***

### **Description**

The project's goal is to implement a fully automated user end-to-end transaction in which he can monitor their products and obtain status information, as well as work as a Java 8 to Java 17 migration.

### **Responsibilities**

- Involved in gathering the requirements, analysis, design & development of the project.
- Involved in development of Web Forms, classes using JAVA that incorporates both N-Tier Architecture, and Database Connectivity
- Developed Web Forms using Angular8, JavaScript, jQuery, HTML and CSS
- Enhanced critical application performance by optimizing data flow, resolving issues, and restoring full functionality.
- Improved code quality and Sonar code coverage by 80% across all microservices using advanced Java 8 features.
- Implemented data transformation logic for seamless conversion of 1000+ records daily between company and vendor data formats.

- Led DevOps implementation, migrating multiple applications to Azure Cloud using Azure DevOps for streamlined build pipelines.
- Created essential Azure services like resource groups, Kubernetes clusters, virtual machines, and Azure Container Registry (ACR) for smooth application migrations.
- Led integration of Java applications with Azure Blob Storage, optimizing data handling and redesigning architecture for enhanced connectivity.
- Dockerized frontend and backend applications using robust Docker files, ensuring seamless deployment and tested PostgreSQL image deployment for data integrity.

**Achievement:**

Earned client trust through adept leadership, clear communication, and consistently delivering on development and deployment goals.

I hereby declare that all of the details furnished above are true on the best of my knowledge and belief.

**Subham Kumar**