

# ALKARIA MANDAL

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Portfolio: [alkaria999.github.io](https://alkaria999.github.io) | LinkedIn: [Alkaria Mandal](#) | GitHub: [alkaria999](#)

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## SUMMARY

**Total Experience: 7.5+ years**

- I have started my career as a **Java developer** in 2016 and having **7.5+ years** of experience in IT industry on various tools & technologies.
- I have developed several applications using **Java, Spring Boot, RESTful API** for backend applications and **Angular**, TypeScript, CSS, Bootstrap for frontend UI applications.
- I have worked closely with the Product Owner and business analysts to understand the requirements.
- I have also used devops tools like **Maven, Git, Gitlab, Docker, Jenkins CI/CD**.
- I have worked in an **Agile** environment and have followed **Scrum** practices.
- Accomplished Java Developer while designing, developing, and debugging microservice and/or monolithic applications using OOPS, Java/J2EE technologies with strong domain knowledge of telecom, retail & manufacturing area.
- Great experience in Java 8+ features like **Stream API, Lambda Functions, Functional Interfaces**, etc.
- Superior command in **Java Persistence API (JPA)** and **Object Relational Mapping (ORM)** and technologies like **Hibernate, Spring Data JPA, Spring Data, Oracle** etc.
- Great knowledge on several Spring frameworks such as **Spring Core, Spring IOC, Spring AOP, Spring Web MVC, Spring DAO, Spring Data JPA, Spring Security, Spring Boot**, etc.
- **Hands-on experience** developing, deploying, tracing microservice application using Spring Cloud to implement microservice design patterns such as config server, service registry, load balancing, circuit breaker using Spring-Netflix modules such as Config Server, Eureka, Zuul, Hystrix, Ribbon.
- Designed/developed the REST endpoints using the Spring MVC & Spring Boot.
- Developed on OAuth 2.0, Spring Security and **JWT** to secure **REST API** endpoints.
- Expertise in UI Design and Development using **Angular**, HTML, CSS, Bootstrap, that follows W3C Web standards and successfully managing all facets of application development.
- Developed application following **Test Driven Development (TDD)** and implemented unit and integration testing using **JUnit, Spring Test, Mockito**, etc.
- Expertise in using various version control system tools like Git, GitHub, Gitlab & SVN.
- Great knowledge of container technology like **Docker & CI/CD** Tools like **Jenkins** for continuous Integration and continuous deployments.
- Expertise in workflow management using industry standard tools such as **Jira**.
- Experienced in OpenSearch **Kibana** Dashboard and building query.

## PROFESSIONAL SKILLS

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<b>General</b>	Java, SQL, Windows, UNIX, Linux
<b>Frontend</b>	Angular, HTML, CSS, Typescript, JSON, Bootstrap
<b>Java frameworks</b>	Spring Core, Spring Web MVC, Spring REST, Spring Data JPA, Spring Security, Spring AOP, Spring Boot, Servlets, EJB, JDBC, XML
<b>Microservice</b>	Spring Boot, Spring Cloud, Eureka, Zuul, Hystrix, Ribbon
<b>Databases</b>	Oracle, MySQL
<b>Web Services</b>	REST, RESTful API, JSON, Postman
<b>Testing</b>	Junit, Mockito, Spring Test
<b>Version Control</b>	GIT, GITHUB, GITLAB, SVN

## WORK EXPERIENCE

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**VERIZON Communications Inc.**

**Dec 2023 – Present**

**Full Stack Developer | Cognizant Technologies Solutions (CTS)**

### Description:

- Verizon Communications Inc., commonly known as Verizon, is an American multinational telecommunications conglomerate based at 1095 Avenue of the Americas in Midtown Manhattan, New York City. Verizon's capital stock is a component of the Dow Jones Industrial Average. It is the world's second-largest telecommunications company by revenue. The company was formed in 1984 as Bell Atlantic as a result of the breakup of the Bell System into seven companies, each a Regional Bell Operating Company (RBOC), commonly referred to as "Baby Bells." [11] The company was originally headquartered in Philadelphia and operated in the states of Pennsylvania, New Jersey, Delaware, Maryland, Virginia, and West Virginia.

### Responsibilities:

- Developed and consumed RESTful Web Services and secured RESTful API using application layer security framework Spring Security, OAuth2 and JWT for securing REST endpoints.
- Used Spring Data JPA and Hibernate for Object Relational Mapping (ORM) solution with Oracle relational database.
- Built the UI using Angular, HTML, CSS, Bootstrap for creating highly interactive and customized SPA for the presentation layer (UI) which consumes RESTful APIs
- Deployed & build the image using Jenkins CI/CD tools and Docker container.
- Managed and reported workflow using Atlassian Jira.
- Worked on builds, deployment, and production support in various environments.
- Used Java, Hibernate, Spring, Spring Boot to design and develop Microservices business components
- OpenSearch Kibana Dashboard query and extracting the response.

### **Tools & Technologies:**

Java, Spring Boot, Spring Security, Spring Data JPA, JWT, OAuth2, RESTful API, SQL, Angular, HTML, CSS, Bootstrap, TypeScript, STS, Eclipse, Oracle, JUnit, Jira, Jenkins, Gitlab, Docker, Agile, Design patterns.

### **TDCNET A/S**

**January 2019 – Dec 2023**

### **Full Stack Developer | Tata Consultancy Services (TCS)**

### **Description:**

- TDC A/S or TDC Group (formerly Tele Danmark Communications) is a Danish telecommunications company dating back to 1879. TDC Group is the largest telecommunications company in Denmark. The company's headquarters are in Copenhagen. TDC A/S is the holding company of two separate companies which were spun-off from TDC: Nuuday A/S and TDC NET A/S. All consumer related services and brands were placed under Nuuday and the ownership and maintenance of physical infrastructure of mobile antennas as well as coax and fibre optical lines were placed under TDC NET.

### **Responsibilities:**

- Developed and consumed RESTful Web Services and secured RESTful API using application layer security framework Spring Security, OAuth2 and JWT for securing REST endpoints.
- Used Spring Data JPA and Hibernate for Object Relational Mapping (ORM) solution with Oracle relational database.
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- Used Java, Hibernate, Spring, Spring Boot to design and develop Microservices business components

### **Tools & Technologies:**

Java, Spring Boot, Spring Security, Spring Data JPA, JWT, OAuth2, RESTful API, SQL, Angular, HTML, CSS, Bootstrap, TypeScript, STS, Eclipse, Oracle, JUnit, Jira, Jenkins, Gitlab, Docker, Agile, Design patterns.

### **DAIMLER AG**

**Nov 2016 – Dec 2018**

### **Java Developer | Wipro Technology**

### **Description:**

- The Mercedes-Benz Group AG (previously named Daimler-Benz, DaimlerChrysler and Daimler) is a German multinational automotive corporation headquartered in Stuttgart, Baden-Württemberg, Germany. It is one of the world's leading car manufacturers. Daimler-Benz was formed with the merger of Benz & Cie. and Daimler Motoren Gesellschaft in 1926. The company was renamed Daimler Chrysler upon the

acquisition of American automobile manufacturer Chrysler Corporation in 1998 and was again renamed Daimler AG upon divestment of Chrysler in 2007. In 2021, Daimler AG was the second-largest German automaker and the sixth largest worldwide by production. In February 2022, Daimler was renamed Mercedes-Benz Group as part of a transaction that spun-off its commercial vehicle segment as an independent company, Daimler Truck.

### **Responsibilities:**

- Involved in complete development lifecycle using Agile Development, tested the application in each iteration.
- Designed, Developed and analyzed the front-end and back-end using Java, Spring framework, Spring MVC, JSP, Servlet.
- Used different spring modules like Spring Core, Spring AOP, and Spring Security.
- Used Maven to build and create an application module.
- Designed and created DAO using data modeling in the integration layer.
- JSP, HTML, CSS, JavaScript, JSON, etc. for developing the UI application.

### **Tools & Technologies:**

Java, Spring MVC, Maven, SQL, JSP, HTML, CSS, Bootstrap, JavaScript, Eclipse, Oracle, JUnit, Jira, Jenkins, SVN, Agile.

## **EDUCATION**

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- ❖ **Master of Computer Science & Applications (M.C.A)** from **Aligarh Muslim University (A.M.U)** in 2016 with 78.30 %
- ❖ **Bachelor of Science (B.Sc.)** from **Aligarh Muslim University (A.M.U)** in 2013 with 70.60 %
- ❖ **Higher Secondary (12<sup>th</sup>)** from **W.B.C.H.S.E** in 2010 with 76.67 %
- ❖ **Secondary (10<sup>th</sup>)** from **W.B.B.S.E** in 2008 with 78.50 %

## **CERTIFICATION**

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- **The Complete Java Certification Course** by **UDEMY** in May 2023
- **Spring Boot Microservices with Spring Cloud Beginner to Guru** by **UDEMY** in April 2021
- **Full Stack: Angular and Spring Boot** by **UDEMY** in February, 2020
- **Professional Scrum Master (PSM-I)** by **Scrum.Org** in September 2019