


# Kartikey Mishr

## Full Stack Software Engineer

+91 9557069148 

kartikeymishr@hotmail.com 

www.linkedin.com/in/kartikeymishr 

www.kartikeymishr.com 

Passionate full-stack software engineer with 4+ years of hands-on experience developing distributed systems utilizing a wide range of front-end and back-end skills like HTML5, CSS3, ReactJS, Redux, Java 8, Spring Boot and Jenkins.

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## Skills

- ◆ Languages: Java 8, JavaScript
- ◆ Web Development: HTML5, CSS3, Bootstrap, Sass, TailwindCSS
- ◆ Frameworks and Libraries: Spring Boot, Hibernate, React, Redux
- ◆ Build Tools: Maven, Node, Jenkins, Bamboo, Docker
- ◆ Databases: SQL and NoSQL experience
- ◆ Microservices and SOA: Design, Development, Integration, Testing

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## Experience

### Full Stack Java Developer / IBM

November 2020 – Current

Project: PBM Toolset | Client: Express Scripts, USA | Domain: Healthcare

- Built new UI screens by reverse-engineering Client's legacy application using **React**.
- Designed multiple **RESTful Microservices** for Drug Utilization Review (DUR) programs, using **Spring Boot** with **SQL Stored Procedures**.
- Worked on converting a monolithic F/E application to a more scalable **microfrontend architecture** with **React + Redux**.
- Integrated newly designed microfrontend applications with their designated backend web services
- Worked closely with Requirements Gathering and Testing teams to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Performed code reviews, code refactors and bug fixes for enhancing quality of the overall service.
- Interviewed and trained incoming new hires in Full Stack Development w.r.t tech stack involved in the project
- Managed and collaborated on build and releases for multiple apps using GitHub and **Jenkins**.

October 2018 – October 2020

Project: SOM Transfer Agency | Client: Northern Trust, USA | Domain: Finance

- Designed and developed **REST APIs** using **Hystrix** commands and **Feign** clients for efficient fault tolerance and handling fallback mechanisms.
- Implemented **Event Driven Architecture** based Microservices with **Apache Kafka Messaging System**.
- Designed and implemented Adapters to transform incoming Messages from XMLs to JSONs before feeding them to the application
- Implemented all components following a **Test-Driven Development** methodology using JUnit and Mockito
- Integrated **Zipkin** for Distributed Microservice Monitoring and Swagger UI for API documentation

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## Education

**B. Tech (CSE) / University of Petroleum & Energy Studies, Dehradun**

CGPA: 7.5 | May 2018

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## Recognitions and Certificates

- **Java Programming Masterclass Certificate –**  
<https://www.udemy.com/certificate/UC-620d12d0-63f0-4b1a-b018-3a2e3b31325b/>
- Certified Full Stack Software Engineer from NIIT Stackroute
- Received Eminence & Excellence Award for Best Graduate Hire in June of 2019 upon completing one year at IBM.
- Received multiple IBM Spark Awards in the form of monetary compensation for each half of 2019, 2020 and 2021 for high performance.