

# INDRAJEET KUMAR

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## EDUCATION

### Trinity College Dublin

Dublin, Ireland

*M.S in Computer Science*

*Sep. 2023 - Expected Aug. 2024*

*Courses: Advanced Software Engineering, Information Retrieval and Web Search, Machine Learning*

### BMS College of Engineering, Bangalore

Karnataka, India

*B.E in Computer Science and Engineering; CGPA: 8.63/10.0*

*Aug. 2015 - May. 2019*

*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases*

## SKILLS SUMMARY

- **Languages:** Java, JavaScript, Python, HTML/CSS. **Intermediate:** C, C++.
- **Frameworks & Libraries:** Spring, Spring Boot, Express.js, React Js, , Microservices, Hibernate.
- **Databases:** Oracle, SQL Server, MongoDB, MySQL, Postgres, AWS RDS.
- **Tools and technologies:** AWS (EC2, S3), Docker, Jenkins, J2EE, SOAP, jQuery, NoSQL, Git, Kafka, Postman, Jira, Maven, Gradle, IntelliJ IDEA, Eclipse, Weblogic, JMS, REST API, JSON, XML, Front-end, Agile, Back-end

## EXPERIENCE

### Stibo Systems India Pvt. Ltd.

Bangalore, India

*Software Developer*

*Sep 2021 - Aug 2023*

- Leveraged Java and JavaScript to create widgets and custom Extensions for our data management product, Ensured code quality and functionality by writing unit tests which used by more than 100+ customers.
- Built a data ingestion pipeline for a major client that processed over 50,000 products. Achieved high performance and scalability by optimizing the data processing logic and caching.
- Designed and developed a test automation framework using REST API, Java, and NodeJS. Enabled faster and more reliable testing of web services by implementing reusable and modular components.
- Migrated from bare metal hardware to SaaS using AWS and Docker, achieving cost reduction and high availability.
- Integrated Kafka streaming to reduce latency by nearly 35% and enable near real-time data processing, with improved data quality and consistency. **Tech:** Java, JavaScript, Java Web Services, JSON, XML, Gradle, AWS, Docker, Kafka

### Oracle OFSS

Bangalore, India

*Associate Consultant*

*Jul 2019 - Sep 2021*

- Designed and built a bill payment system through Bank Middleware over a Java Messaging Queue, processing an average of 20,000 bill payments daily, resulting in a 30% increase in transaction efficiency.
- Developed a user-friendly GUI interface using RATOOL and JS, leading to a 40% increase in user satisfaction based on post-implementation feedback.
- Developed the back-end engine with Java and PLSQL, resulting in a 20% improvement in transaction processing speed, and also Produced comprehensive requirement specification documentation for transaction development, ensuring a 20% reduction in development time and providing a clear roadmap for the project team.
- Optimized the existing payment flow to reduce the transaction time by 20% and improve the user experience, as evidenced by a 15% increase in customer satisfaction.
- As a part of the RTB team, successfully Handled technical requests filed by end-users, achieving a 15% reduction in response time and resolving 90% of issues within established SLAs.
- Proactively monitored system alerts, swiftly escalating critical issues and contributing to a 25% reduction in system downtime. An integral part of the roster, ensuring continuous system surveillance for optimal operational performance. **Tech:** Java, JavaScript, PLSQL, J2EE, JSON, XML, Weblogic, Oracle Database.

## PROJECTS

- **News Application (Startup, NLP, Clustering, Web Scraping, Django):** A backend application that collects and displays news articles. Integrated ML, NLP models to summarize news articles and prevent article repetition. Improved writing efficiency by 50%, which led to an 22% growth in the monthly app subscription.
- **Diet Recommendation System (Python, Machine Learning):** Built a Recommendation System, that actively contributes to a user's daily diet by providing healthy food recommendations by using Random Forest.
- **IPL Dashboard (Spring Boot, React JS):** A full-stack project built using Spring Boot and React JS, which shows the statistics of various IPL teams along with their track history which can be further filtered out by year.

## CERTIFICATIONS

- DEV250 – JavaScript Business Rules issued by STIBO Systems, Aarhus, Denmark - Demonstrate understanding of the scripting SDK when writing JS business rules.