

DEEPAK KUMAR

Web: drake7.github.io - (778) 928 2765 - Deepak.kumar7v@gmail.com - LinkedIn: [deepak-kumar-bir](#) - GitHub: [drake7](#)

WORK EXPERIENCE

SRM Software Inc Feb 2022 - current
Software Development Engineer Vancouver, BC

- Developed and customized a WFM system, including data migration and form creations for daily services for Alberta Health Service.
- Implemented WFM tool features, such as an overtime form with user validation and calculation groups. Improved **job scheduler performance by 70%**
- Created data export migration scripts and imported employee data for Alberta Health Service.
- Implemented notification system for managers to ensure timely approval or decline of requests for Qualcomm employees.

Bharti Airtel Nov 2020 - Jan 2022
Software Engineer Gurugram, India

- **Integrated Apple Watches** with Airtel's legacy system, enabling e-SIM functionality with Rio Translator. Implemented using Spring MVC, Spring Security, JMS, JPA.
- Developed Atom Batch Processor for bulk execution of user journeys, resulting in **1.4 million daily transactions and a 78% productivity boost** for the Amdocs Operations Team.
- Integrated Airtel's chatbot with WhatsApp to provide user account and transaction details. **Leveraged NLP (Natural Language Processing) with Google Dialog Flow.**
- Automated test cases using JUnit, resulting in a **25% reduction in testing time and improved software stability.**

Amdocs Pvt. Ltd. July 2020- Nov 2020
Software Engineer Gurugram, India

- Implemented transaction management for the U Market Project, removing the **one-time password** requirement for the minimum amount for vendors.
- Upgraded spring dependencies and addressed vulnerabilities to migrate the system to a secured version.
- Collaborated with cross-functional teams to enhance the performance and scalability of the billing system, resulting in improved efficiency.

Torry Harris Business Solution. July 2017- July 2020
Associate Software Engineer Gurugram, India

- **Order Management System:** Divided into submodules, implemented persistence, decomposition, and integration with external systems using Spring MVC, AOP, JMS, Drools, FTL, XSLT.
- **JMS to WS:** Developed module for HTTP-JMS communication, parsing XML to JSON, and interacting with external APIs **using Spring Boot, JMS, FTL, XSLT.**
- **Channel Island:** Developed Order Manager segment for London-based customers using Spring MVC, AOP, JMS, Drools, FTL, XSLT.
- **Web Service for OTM:** Developed Rest APIs, transformed **Monolithic Architecture to Microservices**, improving performance using Spring Boot, Rest, Swagger, Logging.
- **Built segment of Order Manager for BT customers** using Spring MVC, AOP, JMS, Drools, FTL, XSLT.
- **Developed Rest APIs, enabling incremental changes and improving performance for Amdocs Operation Team UI, using Spring Boot, Rest, Swagger, Logging.**

PROJECTS

- Developed Care IO platform for Household maintenance using React JS, Spring Boot, and MySQL, and deployed it on AWS for reliable and scalable infrastructure.
- Employee Management System - Developed a machine learning model **using Python and various libraries such as scikit-learn, pandas, numpy** to predict employee attrition.
- Created an Android truck freight application enabling efficient freight management, utilizing chat, email, and real-time location tracking for seamless communication and logistics operations.

SKILLS

Languages	Java, Spring Boot, Python(scikit-learn), C, SQL
Web Technologies	Node.js, React JS, JavaScript, HTML, CSS
Tools/Frameworks	AWS (Lambda, CDK, DynamoDB, EB, EC2, RDS), Git, Maven, Kafka, Solace, Docker, ELK

EDUCATION

Douglas College, New West Minster Jan 2022 - Dec 2023

PBD in Emerging Technology

Guru Nanak Dev University, Jalandhar July 2013 - July 2017

B.Tech in Computer Science & Engineering