Dikshant Yadav

Montreal, QC | 514-578-6774

005dikshant@gmail.com | github.com/005Dikshant | linkedin.com/in/dikshantyadav

Profile

- Software Engineering student with 2 years' experience working in the IT industry developing financial mobile applications improving the cross functionality between a set of users
- Quality-driven with a keen interest in collaboration, implementing customer-focused solutions, and leveraging quantitative data to make impactful decisions.
- Participated in coding communities (LeetCode and Code chef)
- Proficient in developing algorithms and implementing solutions as per expectations in time critical situations.

Education

Master of Engineering, Software Engineering   Sept 2022 - May 2024
Concordia University, Montreal, Quebec

Relevant courses: Programming and Program Solving, Software Maintenance and Program Comprehension, and Advanced Programming Practices.

Bachelor of Technology, Computer Science   Aug 2016 - July 2020
Maharaja Surajmal Institute of Technology, New Delhi, India

Relevant courses: Data Structure, Database Management Systems, Object Oriented Programming, Java Programming, Algorithm Design and Analysis, Compiler Design and Operating Systems

Technical Skills

- **Programming Languages**: Java, C++, Python, JavaScript, HTML/CSS, Express-JS, React-JS
- **Database**: MySQL, Oracle database, MongoDB, Google Firebase
- **Frameworks**: Agile, Scrum, Six Sigma, Spring-Boot Java, Jenkins, Test-NG
- **Tools**: Git, Jira, Docker, WinSCP, Postman, Intelli-j, Android-Studio, Jupyter, Putty
- **Others**: Competitive Programming, Data Structures and Algorithms, Server-Side integrations, Web and Android development, Neural networks

Career-related Experience

Software Engineer – Full Stack   Aug - July 2022
Comviva, New Delhi, India

- Modified baseline products as per requirement specifications; modified version has ability to handle more than 20 transactions/second from 5 transactions/second
- Renewed a legacy software application to adapt the new business requirements with the tested design architecture, adding more than 500+ new source code lines to existing application.
- Ensured proper unit test cases and testing performed between different components and middle ware of the applications.
- Built new APIs from scratch and improved the current in use APIs of the application architecture with the help of cross-functional groups.

- Accomplished in full implementation and completion of requirement specification and provided quality code with fewer bugs which is currently used in live production server for business growth
- **Technical Knowledge:** Spring-Boot, MySQL and NoSQL, MuleSoft, JPOS, Docker, Maven, Android, Swagger-UI, Linux Server
    - Spring-boot – used in implementing the APIs and executed when there is an execution call from the JPOS file function.
    - MySQL and NoSQL – used in storing the information in multiple tables and documents, that was provided in each request with the hibernate queries and mongoose queries.
    - JPOS – main file of the application that forwards the request to the APIs, when there is request on the server IP with the specified port.
    - Docker – Dependencies bundled into a single docker image for smoother execution across multiple platforms like open-shift.

Core Competencies: Design Implementation, written communication, decision-making, teamwork, problem-solving.

Personal Projects

Library Management System   **Oct – Dec 2020**

- Designed and developed a library management system to manage all in-house functions of a library.
- With the programming constructs and design, the application contains a librarian as an admin that has ability to view, add, remove, and update each of the books in the bookshelf.
- The librarian can also issue books to the members of library and check for the return dates for each of the issued book to members and apply penalty if members return book later than the return date of book.
- For the new members or registered members proper authentication done on the login webpage and after successful login their passwords are stored in the encrypted format in the database.
- Created a feature where members can have a private customized wish list and update as required
- **Acquired Technical skills:** Spring-boot, Maria-DB, Java-JSP, Hibernate, Session Management, java struts, Bootstrap-5

Core Competencies: Critical thinking, Problem assessment and analysis, Adaptability

Project Link: https://github.com/005Dikshant/LibraryManagement-SpringBoot

ADDITIONAL TRAINING

Linux Certification
Udemy, New Delhi   2020

Data Structures and Algorithms   2019
Coding Ninjas, New Delhi

Machine Learning and Deep Learning
Coding Blocks, New Delhi   2019