MEHARDEEP SINGH

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SUMMARY

Experienced full-stack developer and Master of Applied Computing Student with industrial experience in product-based e-commerce companies and looking for full-time opportunities from January 2023.

TECHNICAL SKILLS

Programming: Java, JavaScript, C++, HTML/CSS, ReactJS, Python, Angular(basic).
Operating System: Linux (Ubuntu), Windows.
Collaboration: JIRA, Teams.
Visualization: Microsoft Excel.
Frameworks: Spring, Spring-MVC, Spring Boot.
Data Analysis and Statistics: SQL, MongoDB, Elastic Search, Postman.
IDE: IntelliJ, NetBeans, PyCharm.
Version Control: GitHub, SVN, Bitbucket.
Cloud: AWS.
Other Skills: Maven, Jenkins, Junit.

EDUCATION

Master of Applied Computing at University of Windsor, Windsor, ON   Sep 2021 - Dec 2022
(86%).
Coursework: Advanced Software Engineering, Advanced Programming, Computing Concepts.

B.E in Computer Science and Engineering at Thapar University, Patiala, India   Jan 2015 - Dec 2019
(88%).
Coursework: Data Structures, Operating Systems, Computer Networks, Databases.

PROFESSIONAL EXPERIENCE

Software Engineer Co-op at TD Bank Group, Toronto, ON.   Sep 2022 - Present

- As a part of TD Asset Management Inc. (TDAM) (a leading asset manager in Canada with an expanding global presence), Wealth Technology Solutions as a Developer. participated in stand-ups, Review discussions, made addition to the code base, and took tasks on JIRA. Tech Stack includes Java, SQL, and Angular(basic).
- Develop APIs for Client Account Summary, Transaction, and Commitment data - Learnt basic syntax of Cinchy (A third-party database tool like SQL) Queries related provided by Business System Analyst and converted to Rest APIs. Designed endpoints and services of these APIS to Return JSON data to Angular Frontend. constructed for a development environment containing records of 500 clients. Set up a new feature branch to the existing code base.
- Managed Version Control and Code Clean up - Align all feature branches of the MAMS repository with the latest release branch leveraging source tree and bit bucket and code pulled by the development team of 10 developers.
- Devised POC to copy one folder situated on server to a client machine location and execute PS scripts in folder - Collaborated with the Senior Developer on the POC. The task was to determine feasibility of copy command.

Java Developer at Tata Nexarc, Mumbai, India.   Apr 2021 - Aug 2021
- Initiated on a new venture started by Tata group to design a digital growth platform that enables emerging businesses to grow, solve challenges, and optimize processes.
- Wrote SQL queries and constructed DAO layer required by the e-commerce platform for four months.

Software Engineer at Spectra Medix Pvt Ltd, Gurugram, India.   Jul 2019 - Apr 2021
- A US-Based Health care start-up to develop an actionable analytics platform intended to transform real-time clinical data into actionable and measurable insights. Participated in sprints, discussions, and code reviews and produced documentation. Joined this organization as a new college graduate and got exposure to industry and SDLC, especially the importance of agile here. Tech Stack included Java, ReactJS, SQL, Elastic.
- Developed companies' flagship product contract modeler (A Java-React-based web application) enabling payers and risk-bearing provider groups such as to create better value-based contracts and E-measures 360 (A web application) to provide analytics to healthcare players.
- Created endpoints, services, and database classes per the business's requirements. These were consumed by the home screen, summary screen, register screen, and contract comparison screen by the web application.
- Added React Components such as react-grid, smart search tab, and toast messages toward 5 screens across the application.
- Created insertion and selection scripts catering to millions of records of patient data. Translated them to java code to be consumed by the java backend. Wrote unit test cases using Junit (60% method code coverage using Jacoco).

Intern at Unilever Pvt Ltd, Bangalore, India.   Aug 2018 - Dec 2018
- Coded HTML/CSS code and Blue Prism for FMCG's North America and the South China Sea Cluster and learned about SDLC.

ACADEMIC PROJECTS
Windsor City Tour.   Sep 2021 - Nov 2021
- Designed a mobile-based web application to derive relevant information for new arrivals to the city of Windsor, Ontario by leveraging augmented reality with JavaScript, HTML, and React using **React, GitHub, CSS.**

Search Engine.   Aug 2021 - Nov 2021
- Built a java-based search engine to extract data for Olympics 2022 using the JSoup library using **Java**.

ACHIEVEMENTS
- JEE Main 2015 top 3 percentile.
- Merit Scholarship 1st and 2nd year during bachelors.
- IELTS 7.5 bands.