ROSHANDEEP SINGH SAINI

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EMPLOYMENT EXPERIENCE

Senior Software Developer, Loblaw Companies Limited   **2023 - Present**

- Spearheaded development efforts within the Merchandising Team, taking ownership of the CPMS UI application. Empowered business users to validate and analyze master data for products, pricing, cost, and promotions.
- Proactively addressed new feature requests, business logic changes, and enhancements from stakeholders, demonstrating expertise in Oracle query development and optimization.
- Engineered Python scripts to streamline data flow between multiple applications facilitating seamless job execution.
- Ensured smooth operations by providing top-notch production support for the CPMS application.
- Collaborated with cross-functional teams using Jira, Service Now, and Unix to swiftly resolve issues.
- Acknowledged as a Subject Matter Expert of the CPMS application, leveraging Java, Oracle, JavaScript, jQuery, and Python prowess to deliver cutting-edge solutions and contribute significantly to team success

Application Developer, AIHUB Durham College   **2019 - 2023**

- Collaborated with diverse clients across various industries, delivering efficient technical solutions in Django using Python and PostgreSQL for multiple cloud applications.
- Translated business and data requirements into comprehensive business solutions, ensuring seamless integration and functionality.
- Successfully led the migration and development of the client's UI Insurance-Broker portal to Flask, React, and NoSql - MongoDB, enhancing performance and user experience.
- Played a pivotal role in all development lifecycle stages, actively participating in requirements gathering, design/coding sessions, debugging, and creating technical documentation.
- Demonstrated exceptional project management skills by handling parallel priority projects within a Continuous Integration and Continuous Delivery environment.
- Utilized tools like JIRA, Confluence, and AWS to streamline project workflows and ensure effective collaboration with cross-functional teams.
- Leveraged expertise in procedures, views, and user-defined functions, ORM, contributing to the seamless operation of database systems.

Application Developer, **Bank Of New York Mellon Technology**   **2017 - 2019**

- Led the development, work plan proposals, metrics reporting, and presentations for FX Allocation Routers and FX Hub UI, while proactively solving technical challenges to ensure seamless operations.
- Demonstrated expertise in Python Microservices, crafting complex SQL views, functions, queries, and stored procedures for efficient data processing.
- Spearheaded migration tasks from Harvest to GitLab, successfully implementing RESTful services and contributing significantly to project success.
- Implemented industry-standard SDLC best practices for Java, Spring, JavaScript, Ajax, and SQL Queries, ensuring code quality and maintainability.

- Developed, debugged, and troubleshot Microservices and ETL architecture, effectively integrating them with larger application modules for improved performance.
- Possess strong Capital Markets/Banking knowledge, enabling effective collaboration and contribution to relevant projects.

EDUCATION

Masters in Applied Modelling and Quantitative Methods, Trent University, Canada	**2021 - 2023**
Artificial Intelligence Analysis, Design, and Implementation, Graduate Certificate, Durham College, Canada	**2019 - 2020**
Bachelor of Technology Computer Science and Engineering, Kalinga Institute of Industrial Technology, India	**2013 - 2017**

SKILLS

- Languages: Python, Java, JavaScript, Django, React, jQuery
- Operating Systems: Windows, Linux/Unix
- Database: SQL Server, PostgreSQL
- Tools: AWS, Docker, JIRA
- Technologies: Git / GitLab, REST APIs, HTML, CSS, Ajax, REST APIs
- Agile/Scrum development best practices and OOP
- SDLC with Continuous Integration / Continuous Delivery (CI/CD) methodologies
- Excellent written and oral communication skills