ROSHANDEEP SINGH SAINI

roshandeep810@gmail.com **|** **+**1 2896007923, **|** LinkedIn: Roshandeep Singh Saini

EMPLOYMENT EXPERIENCE

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

- Spearheaded development efforts within the Merchandising Team, taking ownership of the CPMS UI application using Python and JavaScript for UI.
- Empowered business users to validate and analyze master data for products, pricing, cost, and promotions.
- Proactively addressed functional and non-functional requirements, developed Test Case / Script Development, unit test cases, ETL/SQL queries, and optimization.
- Engineered Python scripts to streamline the data flow between multiple applications facilitating seamless job execution and automation scripts.
- Created test plans, test design/development test case automation for business verification
- Collaborated with cross-functional teams using Jira, Service Now, and Linux
- Acknowledged as a Subject Matter Expert of the CPMS application, leveraging PostgreSQL, JavaScript, jQuery, and Python prowess to deliver cutting-edge solutions and contribute significantly to team success

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

- Designing and developing distributed systems / REST API for diverse clients across various industries, delivering efficient technical solutions in Django using Python and PostgreSQL
- Successfully led the migration and development of the client's UI Insurance-Broker portal to Python, React, Node.js, and SQL - MongoDB, applying Test-Driven Development
- Demonstrated exceptional project management skills by handling parallel priority projects with CI/CD pipelines and DevOps, unit(Pytest) and integration testing, debugging, and quality assurance.
- Utilized tools like JIRA, GitHub, Confluence, and Docker for DevOps to streamline project workflows and ensure effective collaboration with cross-functional teams.
- Leveraged expertise in procedures, views, and user-defined functions, and analytics, 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.
- Worked in sprints in TDD, provided subject matter expertise considering overall quality/performance, user experience, and future bug prevention
- Implemented industry standard SDLC best practices for Python, Django, Ajax, and PostgreSQL Queries, ensuring code quality and change management protocols.
- Developed, debugged, and troubleshot Microservices and ETL architecture, effectively integrating them with larger application modules for improved performance.
- Possessed strong Capital Markets/Banking knowledge, enabling effective collaboration and contribution to relevant projects.

EDUCATION

Masters in Applied Modelling and Quantitative Methods,   **2021 - 2023**
Trent University,
Canada

Bachelor of Technology Computer Science and Engineering,   **2013 - 2017**
Kalinga Institute of Industrial Technology,
India

SKILLS

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