

Nasim Fekrat

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Summary

Analytical professional with experience in infrastructure performance monitoring, program reporting, and data governance within large-scale transportation projects. Skilled in transforming raw operational and financial data into actionable insights using Power BI, and SQL, as well as developing custom reporting applications with HTML, CSS, JavaScript, PHP, and MySQL. Proven ability to design data pipelines, standardize data management practices, and deliver dashboards for executive and field-level stakeholders. Experienced in collaborating across engineering, operations, and project management teams in the transportation and infrastructure sector.

Skills

- Analytics & Visualization: Power BI (DAX, Power Query), Excel (Advanced), Python (Pandas, NumPy), SQL.
- Web Application Development: HTML5, CSS3, JavaScript, React.js, PHP, Node.js, interactive dashboards and charting (ApexCharts/ECharts), MySQL integration.
- Data Systems & Management: MySQL, InfluxDB.
- Collaboration Tools: Jira, TestRail, GitHub, Agile methodology.
- Soft Skills: Statistical analysis, critical thinking, attention to detail, trend identification, and clear communication.

Experience

Crosslinx Transit Solution - Constructor, Toronto, ON

2023-Present

Data Analyst

Supporting the Eglinton Crosstown LRT program with enterprise data solutions, dashboards, and analytical models for infrastructure performance and asset management.

- Develop Power BI dashboards sourcing data from APIs connected to SQL databases to track project KPIs, identify risks, and provide updates to program stakeholders.
- Translate business needs into data requirements, designing and deploying reporting pipelines that integrate data from MySQL, InfluxDB, and Excel.
- Build and maintain AssetTrack, a web-based reporting platform (HTML, CSS, JavaScript, React.js, PHP, Node.js, MySQL) delivering dashboards and interactive charts for infrastructure performance.
- Create ECharts-based visualizations within AssetTrack to track train oscillation data stored in InfluxDB, providing real-time insights into ride quality and infrastructure performance.
- Conduct trend analysis to monitor asset performance, operational risks, and project health, highlighting variances against established targets.
- Collaborate cross-functionally with operations and engineering teams to define KPIs, automate reports, and present analytical findings to stakeholders.

TD Bank, Markham, ON

2020-2023

Credit Analyst

Analyzed, reviewed, and made well-rationalized decisions for credit applications across a broad range of products, efficiently and effectively. Provided credit support, solutions, recommendations, advice, and alternative options when evaluating applications, ensuring all decisions adhered to company policies and procedures.

- Acquired, maintained, and applied credit and risk expertise in the lending discipline, offering guidance, assistance, and direction to colleagues.

- Prioritized and managed daily workloads to consistently meet SLA requirements for service and productivity.
- Contributed to satisfactory audit outcomes by understanding and following audit and process guidelines.
- Maintained a culture of risk management and control through effective processes aligned with the organization's risk appetite.
- Performed due diligence in support of all credit applications, verifying documentation and conducting thorough background analyses.

Pong Game Studios, Woodbridge, ON

2018-2020

Quality Assurance Analyst

Ran and wrote test cases in TestRail to review web-based projects from the back end to the front end. Conducted client-server testing to validate data transfer between on-premises locations and their cloud-based counterparts.

- Performed testing and development using Agile methodology.
- Utilized browser developer tools and integrated TestRail with Jira for comprehensive test case management.
- Learned and applied the intricacies of client-server architecture.
- Analyzed, developed, debugged, executed, maintained, and documented test cases.

Education

University of Toronto, Toronto, ON

2019

Full Stack Web Developer Course, SCS Coding Boot Camp

Azad University, Central Tehran Branch, Tehran, Iran

2014

Bachelor of Science, Computer Engineering