ADITYA L

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SUMMARY

Results-oriented Data Analyst with a Bachelor's in Computer Science, specializing in translating business requirements into technical solutions. Skilled in data analysis, process optimization, and business intelligence. Proven track record of leading projects and collaborating across teams to boost operational efficiency and drive growth. Passionate about leveraging data to deliver actionable insights and optimize business processes.

WORK EXPERIENCE

iTOTEM ANALYTICS   Vancouver, BC
Software Developer/Data Analyst   April 2023 – April 2024
- Led development of report generation tool, reducing report creation time by 50% and enhancing KPIs through efficient data processing.
- Led requirements gathering and user testing for AI Python app, boosting conference discovery by 80% with intuitive UI.
- Streamlined data analysis with custom Python tools, improving efficiency by 40% for reporting, QA, and dashboarding.
- Optimized SQL database performance, reducing size by 15% through data cleansing strategies.
- Created custom Power BI dashboards with DAX, improving data reporting efficiency by 25% for ESG metrics analysis.

TRINITY WESTERN UNIVERSITY   Langley, BC
Academic Technology Advisor   September 2022 – December 2022
- Consulted faculty on integrating educational technology into BUSI 411, enhancing teaching and learning activities.
- Guided faculty in designing engaging learning experiences, incorporating UDL and active learning strategies, boosting teaching effectiveness by 30%.
- Coordinated with technicians and instructors to ensure smooth operations and communication throughout the semester.

SKILLS

Business Intelligence: Requirements Gathering, Process Mapping, KPI Development, Stakeholder Engagement
Data Analysis & Visualization: SQL (Postgres, T-SQL), Power BI, Python (NumPy, Pandas), Data Modeling, Looker
Productivity Tools: MS Office Suite (Excel, PowerPoint, SharePoint, Word, Teams, Visio), JIRA, Asana, Power Automate
Programming: Python, Java, JavaScript, HTML/CSS
Developer Tools: ReactJS, Node.js (Express), Flask, Streamlit, Bootstrap, FastAPI, Git, Azure, SSMS

EDUCATION

TRINITY WESTERN UNIVERSITY   Langley, BC
Bachelor of Science   Sep 2019 – May 2023
Major in Computer Science
Selected Coursework: Software Engineering, Data Structures & Algorithms, Databases, System Design, Business Analysis, UI/UX Interaction Design, Linear Algebra

PROJECTS

SOCIAL ART ONLINE   GitHub
- Developed back-end architecture for art gallery website, featuring 30K+ artworks following agile methodology.
- Implemented Flask REST API endpoints, reducing client-server response time by 10%.
- Optimized MySQL database with stored procedures, improving query performance by 20%.

LEADERSHIP EXPERIENCE

ReBoot Robotics Camp   Langley, BC
Teaching Assistant   Feb 2020 - May 2023
- Led robotics workshops for 30+ students (ages 10-14), focusing on hands-on learning and practical application.
- Taught coding principles using Scratch, resulting in 90% of students mastering basic coding skills.
- Fostered team collaboration, achieving 95% on-time project completion rate with TOBBIE-II robots.