2211 Shelbourne St.

Victoria, B.C., Canada

(604) 512-6881

MatthewPaulKing@outlook.com

Github.com/MattpaulKing

linkedin.com/in/matthew-paul-king

Matthew King

Projects

Referral Tracker

Web application to manage referrals to Housing Services. Features include oauth 2.0 PKCE, multi-tenant role based access, full text search, animations to clarify referral statuses for users, user comments, table exports, API access, dark mode, end to end testing. Tech stack: SvelteKit, Tailwind, Postgresql, Playwright, Microsoft Graph API.

Risk Register

Web application to manage and create organizational risks and mitigation plans. User role dependent views and permissions. Includes an analytics dashboard to determine the risks that need the most focus. Tech stack: SvelteKit, Tailwind, Postgresql, Microsoft Graph API.

Education

University of Victoria – BA
2014 – 2019

Additional Coursework
- UBC Data Analysis with Python
- Schulich EMBA

Experience

July 2022 - Present

Strategic Planning and Data Analyst
Victoria Cool Aid Society

Designing, developing, maintaining, and testing web applications for data entry and workflow management. Overseeing and administering requirement gathering sessions. Developing and maintaining interactive dashboards for various stakeholders in web applications or PowerBI. Building and testing ETL pipelines for dashboards. Developing design systems using Figma for report branding consistency. Leading other departments towards record keeping best practices. Translating technical processes to non-technical audiences. Automating various manual reporting workflows. Advising and developing workflow improvements. Conducting surveys to gather staff and client feedback. Facilitating working groups to implement changes in response to survey feedback.

Jan 2021 – May 2022

Data Analyst
Traction Health

Developing and maintaining interactive dashboards for various stakeholders built in Python. Building machine learning models to classify human activity using accelerometer sensors. Deploying and maintaining non-relational cloud databases including data pipelines. Automating data acquisition by connecting endpoints and building validation procedures. Leveraging statistics to gain insights into customer trends and recommending actions in response. Forecasting sales, number of customers, and customer acquisition costs. Writing documentation for reproducible and readable code. Presenting insights to stakeholders and teaching data science to internal stakeholders.

Tools

Javascript/Typescript, Python, Postgresql, NodeJS, Pandas, Dash, Plotly, Matplotlib, Tensorflow, SciKit-Learn, Sci-py, Svelte(Kit), React, PowerBI, Figma, Git, Github, Linux, MongoDB, Cronjobs, MS SQL, Tableau, MS Office