RK Robert.Krivelis.com

SOFTWARE ENGINEER

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EDUCATION

Electrical Engineering

University of Calgary   2016–2022
GPA final year: 3.74 / 4.00 (A–)

SKILLS

10 / 10
JavaScript / Typescript

9 / 10
Vue.js/Nuxt.js

9 / 10
HTML / CSS

9 / 10
Python

8 / 10
SQL

EXPERIENCE

Full Stack Software Developer

RBC   2022–Present
Developed an AI web app used by all auditors in the department.
- Reduced page load times to 4 seconds from 12 seconds.
- Promoted to tech lead for all new projects. Projects led by me shipped 3 months ahead of schedule.
- Performed code review and training for junior developers.
- Worked with data science team to develop private LLM applications.

Nuxt.js/Vue.js, TypeScript, SQL Server

Software Team Lead

University of Calgary   2021–2022
Capstone Project: Designed and developed a full stack progressive web-app to control an IoT window opener device.
- Created data pipeline to monitor and record IoT devices in a user dashboard.
- Developed performant serverless backend completely on AWS.
- Designed application architecture to work on android, iOS, and desktop.

front-end: Vue.js, TailwindCSS
back-end (AWS): Lambda, DynamoDB, API, Gateway, IoT Core

Data Scientist (Co-op)

AltaLink   2020–2021
- Received "Intern of Merit" recognition for outstanding performance.
Created data pipelines and predictive machine learning models to perform data analysis.
- Developed a reusable, repeatable end-to-end machine learning pipeline using scikit- learn & python. Aggregated KPIs using a PowerBI dashboard.
- Cleaned and created data pipelines for data science and machine learning.

technologies: Python, scikit-learn, pandas, Excel, PowerBI