Hashir Ahmed

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🧠 SKILLS

Programming
Java, C/C++, C#, HTML/CSS, SQL, JavaScript, PHP, Python

Frameworks
Node.js, Express.js, Spring, JUnit, OpenGl, Symfony, Twig, React.js

Developer Tools
Git/Github, Atom, Eclipse, Visual Studio, Azure Machine Learning, ML Canvas, Azure Cloud

💼 PROFESSIONAL EXPERIENCE

Associate Machine Learning Developer - Contract, *AltaML*   May 2023 – present | Calgary, Canada
- Continued development and expanded ongoing ML use case for a large energy company. Use case entailed forecasting **churn rates** of customers using internal data, contemporary **ML models** and **data engineering**
- Collaborated in the development of an innovative copilot tool leveraging cutting-edge **LLM (Language Model)** technology, specifically ChatGPT, to enhance productivity and efficiency of employees.
- Designed, built and optimized **machine learning pipeline** to codify and automate the machine learning workflow
- Coordinated and led the team to ensure deliverables were of high quality and on time

Data Analyst/QA Intern, *Mobility Quotient Inc.*   May 2021 – May 2022 | Calgary, Canada
- Performed testing on **10+ software**, including websites and mobile apps.
- Designed & executed tests on app usability, and recorded errors and bugs.
- Performed thorough testing to validate that the user expectations were achieved.
- Reported over **500+ bugs** from evaluating and testing software in conformance to the project-specific requirements.
- Analyzed structured data (JSON-LD, oEmbed, etc.) on E-commerce sites to see if they were eligible to be put on Sokolocal.com

📁 ACADEMIC PROJECTS

Theatre Booking System   Dec 2020
- Developed a full-stack Java application using the spring framework, MVC layout, and SQL database
- Explored many practical concepts including object-oriented design and development, client-server architecture, JDBC, GUI, and Git version control

Student Course Registration App   Apr 2020
- Developed a Client-Server application, managing the system using the Java MVC layout.
- Explored concepts of Object-oriented design and development, client-server architecture, multithreading, GUI, and Git version control.

🧩 PERSONAL PROJECTS

CalgaryHacks2021   Feb 2021
- Discord bot and chatbot, made using Discord.js and Google cloud. Made using Express.js, HTML/CSS, JavaScript, Discord.js

Sokolocal Themed Online Store   Aug 2021
- Developed a fully functioning front-end for a Sokolocal-type site (Sokolocal is an e-commerce site developed by Mobility Quotient Inc.)
- The purpose of this project was to learn the Symfony PHP framework and learn to create a complete front-end, using the Sokolocal API to connect to the database

🎓 EDUCATION

Software Engineering, *University of Calgary*   2018 – 2023 | Calgary, Canada
- Bachelor of Science in Software Engineering. GPA: 3.52
- Coursework: Data Structures & Algorithms, Operating Systems, Software Development/ Design, Computer Networks, Data Base Management Systems, Embedded Systems, Software Testing/Reliability/Quality, Software Architecture, Software Requirements, Introduction to Computer Graphics, Scalable Data Analytics, Data Science for Software Engineers.