ASHAAB KHAN

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Education

Wilfrid Laurier University, Waterloo, ON SEP. 2016 – APR. 2021

- Bachelor of Computer Science, Coop (Professional Experience Program)

Skills

- Java, Python, C, C++, C#, ASP.NET, MongoDB, JavaScript, SQL, MySQL, Node.JS, React, Express.js.
- Django, Hadoop, AWS EMR, SciKit-Learn, Pandas, Spark, Hive, GIT, Power BI, Ubuntu 20.0 Linux.

Work Experience

Parker-Hannifin, Milton, ON MAY 2019 – PRESENT

Software Developer

- Created and maintained various web applications for internal usage that supports supply chain, marketing and business analytics departments using ASP.NET, C#, SQL, JavaScript and Angular.
- Supported the IT helpdesk by resolving technical end user equipment or related user technical issues.
- Built a hardware system that measures and weighs incoming products for storage using a 3-dimensional scale and created software to calculate optimal solutions for storing maximum number of products in storage area.
- Outlined and corrected points of inefficiency related to supply chain during quarterly Kaizen events, by designing processes to automate manual tasks and remove any inefficiencies and waste.

Amazon, Milton, ON MAY 2018 – AUG. 2018

Application Support Developer

- Created and maintained macros on Microsoft Excel using VBA that automated order tracking and shipment delivery processes, increasing productivity and efficient use of time.
- Maintained and troubleshot IT equipment, such as PCs, wireless handheld devices, and other end user devices, resolved technical issues identified by employees.
- Set up android driver devices/servers, installed or upgraded operating systems when required.
- Maintained IT inventory, performed assets inventory checks within the IT department.

Volunteer Experience

Royal Canadian Air Cadets Sep 2010 - Sept 2016

- Coordinated and organized Field Training Exercises (FTX), created exercises and training modules specific for each cadet level and understanding; Taught aviation classes to junior cadets and organized glider trips to apply lessons.

Projects

Film Finder

- Console application that makes rating predictions and recommends movies to the user.
- Designed SVD and collaborative filtering algorithm to find latent vectors from 100k MovieLens database.
- Implemented using Python, Pandas API and SciKit-Learn API.

Laze

- Web application where users can “pin” points of interests given their current location within the Wilfrid Laurier campus, creating a heat map of the most active common areas on campus.
- Implemented using Python, Django, Bootstrap, and MySQL.

E-Shop

- Ecommerce web application where users could buy products featured by the vendor online.
- Implemented using Node.js, Express.js, MongoDB, and React.