

# SUKHBIR SEKHON

## EDUCATION

### UNIVERSITY OF CINCINNATI, CINCINNATI, OHIO

Anticipated Graduation Year: 2023

Bachelor's of Science Information Technology (Honors)

Masters of Business Administration (MBA)

Cumulative GPA: 3.99/4.0

## WORK EXPERIENCE

### GE Appliances, a Haier Company - DT Intern/Co-op

08/2020 - Present

- Assignment Title: Smart Home Solutions Intern
- Implemented 14 services to the Brillion Adapter, which added new functionalities to Smart Home Cloud.
- Built 'Appliance 360' consumer-facing application, which provides the consumer with more information about their WiFi-connected appliance.
- Visualized the data flow of Smart Home Solutions by creating over 14 AWS and Kibana dashboards, making cloud operations easier to manage and debug.

### The Cincinnati Insurance Companies - IT Intern

05/2019 - 08/2020

- Role: Software Developer
- Implemented checks and balances for multiple integral components of the company's IT systems.
- Created multiple search dashboard pages for an essential IT system to help application and system admins in troubleshooting incidents and reports from vendors.
- Created more than 40 JUnit tests using the Mockito framework to test the accuracy of the various code results.
- Migrated iText (pdf library) older version (5) to a newer version (7) library throughout the project.
- Led a team of interns to create an application that extracts email data using UIPath and inserted into another application.
- Created an AI process or system using Azure during code jam for incoming medical records to begin a claim process in the Insurance Department.

### UC IT Solutions Center- Student Worker (DevOps)

09/2018 - 04/2019

- Deployed several web applications using CI/CD tool drone.io by writing multiple configuration files for different types of apps.
- Dockerized web application by building docker images and containers based on customized docker files and configuration.
- Managed multiple Linux Suse Sle 12 web servers and monitored deployment processes by acquiring system or application metrics to enhance performance.
- Built compatible ELK logging system for multiple web services to monitor the performance of microservices
- Configured servers from scratch to make it web compatible.

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## Skills

**Programming languages-** Java, Javascript (Node & Angular), C#.Net

**Markup Languages-** Html, XML

**Database-** MySQL, DB2, Azure Cosmos DB, MongoDB

**DevOps-** Docker, Drone.io, Jenkins, ELK Stack, Splunk Cloud, Kubernetes, Quickbuild

**Testing-** JUnit, Soap UI, Katalon, Rapise, Mockito

**OS -** Windows Server 2016, Linux SUSE SSE 12

**Version Control-** Github, Team Foundation Server

**Frameworks-** Spring, Socket.io, Express, Angular, Mockito

## Certifications

Microsoft Certified: Azure Fundamentals (AZ 900)

GE Digital Technology Enterprise Program

## Awards

Helen P. Glimpse Scholarship

Dean's List

High Honor Roll

Presidential Academic Award

## Leadership Experiences

Information Technology Student Association (ITSA)

Lakota Robotics Team 1038

First Lego League (Robot Design & Project Judge) (2019)

UC Hackathon 2019 & 2020

Microsoft CodeJam (2019)

Google CodeJam (2020)

Bearcat Bhangra (Co-Captain)