

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
- Migrated old Elasticsearch's dashboards to a new ES6 cluster.
- Implemented multiple features and functionalities for appliances into the core framework and parsed several ERDs (unique IDs) for different appliances to make them available to third-party APIs.
- Created multiple AWS CloudWatch dashboards for standard network protocols (XMPP and MQTT) that are used by appliances globally.

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 compatible for deploying web applications.

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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)