Michael R. Charara

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EDUCATION - HTTPS://WWW.NETDEVMIKE.COM/ABOUT

Harvard University - Extension School, *Online*
> Masters in Information Management Systems, March 2024

Baker College, *Online*
> Bachelor of Computer Science – Focus in Software Engineering, March 2024

Notre Dame College, *Online*
> Master in Business Administration, July 2022

University of Michigan, *Michigan*
> Bachelor of Biological Science, April 2014

PROFESSIONAL EXPERIENCE (SELECT)

CDW, *Remote Role*
Cloud Marketplace Program Manager, March 2022 -Present
> Helped to transact Channel Partner Private Offer (CPPO) opportunities through the AWS Marketplace. Worked with commissions to compensate Sellers. Tracked opportunities using HubSpot and ACE (AWS tool for tracking and managing opportunities).

United Wholesale Mortgage (Information Technology), *Pontiac, Michigan*
Network Administrator, June 2021 – February 2022
> Developed and maintained the network primarily using products from Cisco. In this role I created and configured the network, ensured network security, and troubleshot issues. I am capable of upgrading/replacing hardware and software systems, present network reports, train end-users, resolve technical issues, and automate tasks.

Massachusetts General Hospital (Nephrology Division), *Boston, Massachusetts*
Research Assistant, July 2016 – April 2018
> Conducted medical research in nephrology, more specifically Autosomal Dominant Polycystic Kidney Disease.
> Research included conducting protein quantifications, gel electrophoresis, western blots, buffer preparations, autoclaving, cell cultures, scanning films/Image J, cryopreservation of cells, cryostoring cells, and casting polyacrylamide gels.
> Reagent solutions included bicinchoninic acid solutions and copper (ll) sulfate solutions.

LICENSES & CERTIFICATIONS (SELECT) - HTTPS://WWW.NETDEVMIKE.COM/ABOUT

Kubernetes and Cloud Native Associate (KCNA)	Scheduled March 2023
Google Project Management: Specialization	February 2023
Google Cloud Engineer	December 2022 | Expires December 2025
AWS Certified Solutions Architect Associate	May 2022 | Expires May 2025
30 Days of Postman	February 2022
LFS250: Kubernetes and Cloud Native Essentials	January 2021
Microsoft Certified Azure Administrator, AZ-104	December 2021 | Expires December 2022
Cisco Certified Network Associate, CCNA	August 2021 | Expires August 2024

PROJECTS (SELECT) - HTTPS://WWW.NETDEVMIKE.COM/PORTFOLIO

Automated IAM Clean-up, *AWS* - https://www.netdevmike.com/project/automated-iam-clean-up
Harvard Extension School, January 2022
> Automated IAM Clean-up addresses the security problem of unused IAM users and access keys by periodically checking the status of IAM users and associated access keys and sending the report to designated emails. With predetermined conditions, idle users can be automatically deleted from the system and administrators can see the output from an automatically generated report.

React Movie Search Application, *JavaScript* - https://www.netdevmike.com/project/react-movie-search-application
Harvard University Extension School, May 2023
> A user-friendly, responsive web application that allows users to search for movies by title or actor and view relevant details about the selected movies. This project demonstrates the power of React, a popular JavaScript library for building interactive user interfaces, combined with external API calls to fetch and display data dynamically. The link provides an overview of the project's objectives, requirements, and how they were met.

Analyzing tweets using Twitter APIv2, Tweepy, Elasticsearch, and Kibana, *Elastic-* https://www.netdevmike.com/project/analyzing-tweets-using-twitter-apiv2-tweepy-elasticsearch-and-cabana
Harvard University Extension School, July 2022
> This project aims to study real-time tweets focused around the Cloud Marketplaces for Amazon Web Services, Google Cloud Platform, and Microsoft Azure. I will demonstrate how to build a system that collects twitter data which mentions this information, index them into ElasticSearch for further analytics, and visualize with Kibana.

AWARDS/MEMBERSHIPS/HOBBIES (SELECT)

ACM Student Chapter, *Founding Chair of Advancing Computing as a Science & Profession (ACM)*, https://www.acm.org/
Certificates of Achievement from HMX, Immunology, Biochemistry, Physiology, and Genetics, Awarded for High Academic Achievement 2017.
Memberships include, Children's Miracle Network, American Red Cross, Zaman International, and a field partner for Doctors without borders.