

Syed Mohid

Master's Graduate | Junior Developer | IT Engineer

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Summary of Qualifications

- Final Semester Computer engineering master's student at the University of Ottawa
- Over six months' experience in software development & electronics in the IT sector
- Excellent Communication and Customer Service skills honed through bachelor's degree and Retail Job
- Great interest in **Networking** and **Cloud Engineering** Technologies.
- Excellent Knowledge of **TCP/IP, routing, VPN, Linux, Windows** and **MacOS**
- Excellent knowledge of **virtualization** terminologies.
- Ability and Willingness to Learn and experience.
- Detail Oriented, Adaptable, and able to Multitask.
- Strong Ability to troubleshoot Desktops & Laptops, Read and Understand documentations and solve.

EDUCATION

Master of Engineering, Electrical & Computer Engineering

2022 - present

University of Ottawa, ON

- Relevant courses: Machine Vision, Full Stack Cloud Development, Multimedia Communications & Computer Communications Network
- CGPA: 8.9/10

Bachelor of Technology, Mechatronics Engineering

2017 - 2021

Manipal Academy of Higher Education, Dubai, UAE

- Relevant courses: Computer Vision, Artificial Neural Networks, Essentials of IT, Robotics
- CGPA: 8.89/10

SKILLS

Technical Skills

- **Scripting Language:** Python, JavaScript, C++
- **Development tools:** UNIX/LINUX server, CLI, Workspace, Staging Area, Repository, Version Control Systems GIT, GitHub, GitLab CI, Chef, WordPress
- **Operating System:** Extensive Experience using Windows, Mac OS & Linux. Excellent ability to Comprehend CLI commands and implement them. Ability to read Documentations to troubleshoot problems.

Communication Skills

- Prepared and delivered weekly project status presentations to Supervisors and Program Coordinator to ensure effective communication across departments.
- Worked remotely within a team of 6 on several projects while planning and maintaining a deadline.
- Strong active listening skills acquired over time spent in retail which allowed to better understand the customers needs.

APPLIED PROJECTS

Cloud Resume Challenge

July 2021

- Developed a Resume/Portfolio website using AWS cloud services.
- Utilized HTML/CSS to develop the websites frontend. Saved the Website to an S3 Bucket.

- Utilized DynamoDB to store information on number of visitors to the website, Utilized AWS Lambda to create a function that counts the number of visitors and stores it in dynamo DB, utilized JavaScript to pull this information using an API call and display it on the Resume Website.
- The website utilized Https for Security, and this was achieved with the help of AWS CloudFront, A custom DNS was utilized along with this.
- CICD was implemented on the frontend, A Repository was created on GitHub which would sync with the s3 bucket whenever code was integrated and deploy the code.
- Terraform was utilized to design Infrastructure as code. It was later utilized to create more lambda functions.

Home Surveillance System Using AWS

February 2023

- Developed a home surveillance system that can be set up locally or through the cloud.
- The system comprises a host and a client, with **TCP** used for local transmission. The client uses a motion detection algorithm to analyze frames and detect motion.
- In cloud deployment, AWS's S3 Bucket is utilized for storing video files, and an EC2 instance is used as the client to access it.

Photo Sharing Web Application

February 2023

- Allowed users to Register, Login, Upload pictures. Apollo & GraphQL used to retrieve the information from database.
- Git was utilized as a version control system and GitHub was used to collaborate with other team members.
- CI/CD was implemented using Microsoft Azure pipelines.

EXPERIENCE

Mechatronics Engineer/Intern

October ,2021 – November ,2021

Magna Inv FZCO, UAE

- Developed & Implemented Contactless Interactive platform to enhance safety during the covid-19 pandemic.
- Utilized Unity, Arduino UNO & LAN networking protocol to complete the Setup.
- The Platform was implemented at a Technical Exhibition resulting in **50%** reduction in physical contact and a **30%** increase in visitor engagement.

Junior Developer/Intern

June ,2020 – September ,2020

TechRobotix FZCO, UAE

- Developed and implemented a state-of-the-art facial recognition system to track employee attendance.
- Implementation resulting in **90%** reduction in check in time, **99%** accuracy rate, **40%** increase in efficiency **60%** reduction in manual data entry errors and **95%** satisfaction rate among employees.
- Also assisted the Clients of the company with technical Support.

OTHER EXPERIENCE

Sports/Technical Advisor

2022 - present

Decathlon, Ottawa, ON

- Provided Exceptional customer service by identifying customers needs and recommending the most suitable products for them.
- Responsible for smooth transactions at the QCP (Quick Check Out) , troubleshooting any issues that arose and maintained a clean and organized layout