

Zia Ul Hassan Syed

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SKILLS

Languages: JavaScript, React, Bootstrap, Node.js, Html, CSS, SQL, Express, Python.
Technologies: AWS S3, Jenkins, Rest API, Socket.io, Git, Agile, Webpack.

WORK EXPERIENCE

Operations Consultant

Jul. 2021 – Present

Sephora

Toronto, ON

- Created a Server monitoring application using **React & Node.js** and helped maintain legacy full-stack infrastructure.
- Designed & created Continuous Integration **GIT** code test scripts using **LayerCI**.
- Provided on-premise Network cloud support in **AWS** & Windows/Linux Server **System administration**.
- Cut software and hardware expenses by \$15,000 annually and boosted uptime to 91% by promoting the use of **Linux** and other Open-Source software.

Algorithm Developer

Jun. 2020 – Jun. 2021

Crypto-Arsenal

Remote

- Designed & implemented custom Algorithms using **JavaScript** & PineScript, using agile methodology.
- Enhanced my low latency trading framework by 20%, optimizing handling of market data, product pricing, order sending, risk checks and other core system components.
- Using the exchange's **API** to make trading requests on demand.
- Designing and developing trading strategies to establish and hedge positions in real-time, buying and selling ETFs, stocks, bonds, and related products.

Automation Technician

Jan. 2019 – Apr. 2019

David Leyes Photography

Toronto, ON

- Migrated web applications from Windows Server 2003 and 2008 to Windows Server 2012 R2.
- Developed automation scripts and deployment utilities using **Python**.
- Reviewed all test scripts for quality and identified additional areas to review, increasing efficiency by 30%.

CERTIFICATIONS

AWS Certified Cloud Practitioner

In Progress

PROJECTS

Chat Application: Web based chat application, using sockets to transfer messages instantly. Includes embedded custom rooms with user defined aliases.

[GitHub](#)

Sign Language Detector: Real time object detection using the camera to interpret sign language and display the message on screen with object tracking. It uses pre-trained object models stored in AWS S3.

[GitHub](#)

EDUCATION

Honours Bachelors, Computer Programming

Seneca College

Currently Enrolled

North York, ON