

Ahmed Shaikh

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📍 St. John's, NL

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SKILLS

TS, JS, React, Node.js, Express, Terraform, Docker, AWS, Azure, Python, Flask, Redis, MongoDB, SQL, Java, C++

WORK EXPERIENCE

- **Front-End Development Intern** Sep 2022 – Dec 2022
Microsoft Corp. Montreal, QC
 - Developed and maintained micro front-end architecture for Nuance enterprise apps using Typescript, React, and Material UI, resulting in faster page load times and an improved user experience for customers
 - Developed the design system using Storybook, improving accessibility and reliability of the application
 - Wrote Playwright test cases to ensure reliable and scalable of UI components
- **Data Science Intern** Jan 2022 – Apr 2022
Hatch Ltd. St. John's, NL
 - Developed machine learning models to reduce emissions by 20% for the largest oil platform using Python and Sklearn; ML models achieved 96% accuracy on testing data
 - Developed initial design of a computer vision system on Azure Cloud to detect fare evasions in public transit
 - Enforced DevOps in the design with CI/CD pipelines, version control, and Docker
- **Cloud Software Developer** May 2021 – Aug 2021
Nasdaq Inc. Toronto, ON
 - Expanded Verafin's Microservices architecture on the CloudOps team
 - Modified Terraform modules and JUnit tests to ensure infrastructure consistency
 - Optimized EC2 QA server configs and used PostgreSQL queries on customer DBs for efficient data management
- **Full-Stack Engineer** Oct 2020 – Dec 2020
SiftMed St. John's, NL
 - Spearheaded complete overhaul of the file handling system of a web app, leveraging JavaScript and AWS, resulting in a faster and more streamlined process
 - Successfully scaled the REST API using Swagger, and Postman, resulting in improved performance and reliability
 - Migrated the back-end to a serverless model using Lambda, reducing costs and increasing scalability
- **Junior Software Developer** Jan 2020 – Apr 2020
Radient360 Solutions Inc. St. John's, NL
 - Collaborated in an Agile team to design and develop apps using the MERN Stack for asset and risk management, empowering Oil & Gas MNCs to make informed decisions

PROJECTS & EXTRACURRICULAR

Microsoft Hackathon: Modified Linux apt-get for safer package updates on Azure VMs to win first prize in category during Microsoft's 2022 global hackathon. Team is in talks with Canonical to implement the feature in Ubuntu.

MASY.ai: Form correction using Computer Vision for Capstone. Placed 1st out of 16 teams. (*React.js, Flask, Redis*)

ScriptIt: A Ctrl/CMD+F app for videos (finds keywords within videos). (*IBM Cloud, Python, JavaScript*)

No Time To Fry: Worked with 33 people to develop a food delivery web app. (*React.js, Node.js, Jenkins*)

Face Recognition: Implemented Distributed Computing to identify and remember faces in a video. (*Python, Ray*)

EDUCATION

- **Memorial University of Newfoundland** St. John's, NL
Bachelor of Computer Engineering, Co-op Program Jan 2019 – Apr 2023

VOLUNTEERING EXPERIENCE

Volunteered as a mentor for new engineering students; received silver medal for 80+ hours volunteering and 6 hours professional development in a 4-month period.