



# Ahmed Shaikh

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## WORK EXPERIENCE

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- **Front-End Development Intern** Sep 2022 – Dec 2022  
**Microsoft Corp. (Nuance)** Montreal, QC
  - Maintained micro front-end architecture of healthcare apps, improving load speed and UX
  - Expanded the Nuance design system, improving accessibility and reliability of apps
  - **Technologies:** Typescript, React, Storybook, Material UI, Playwright
- **Data Science Intern** Jan 2022 – Apr 2022  
**Hatch Ltd.** St. John's, NL
  - Developed ML models with 98% accuracy to reduce emissions by 20% for the world's largest oil platform
  - Created 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 containerization
  - **Technologies:** Python, MATLAB, seaborn, scikit-learn, Azure Cloud
- **Cloud Software Developer** May 2021 – Aug 2021  
**Verafin Inc.** Toronto, ON
  - Worked in the Cloud team to maintain the Microservices architecture of anti-money laundering system
  - Developed Terraform modules, unit tests, and leveraged Salesforce to ensure infrastructure consistency
  - Analyzed and optimized data management and QA server configs, leading to improved customer experience
  - **Technologies:** Java, Terraform, Salesforce, PostgreSQL
- **Software Engineer** Oct 2020 – Dec 2020  
**SiftMed** St. John's, NL
  - Led the strategic transformation of SiftMed's file management system to enhance operational efficiency and UX
  - Managed the scaling of the SiftMed API, achieving measurable improvements in data processing capabilities
  - Transitioned the system architecture to a serverless model, delivering an 11% cost reduction
  - **Technologies:** JavaScript, AWS, REST API, Serverless
- **Junior Software Developer** Jan 2020 – Apr 2020  
**Radient360 Solutions Inc.** St. John's, NL
  - Collaborated in an Agile team to design and develop asset and risk management apps, empowering Oil & Gas multinationals to make informed decisions
  - **Technologies:** JavaScript, MongoDB, Express.js

## PROJECTS & EXTRACURRICULAR

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**Microsoft Hackathon:** Won first place out of 10,000+ entries, enhancing reliability and resilience for Linux VMs on Azure Cloud, thereby reducing downtime risks.

**Masy AI:** Real-time exercise form correction webapp using computer vision for capstone proj. (**Flask, Redis, React**)

**ScriptIt:** A full-text search app for videos to find keywords within. (**IBM Cloud, Python, JavaScript**)

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

## EDUCATION

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- **Memorial University of Newfoundland** Jan 2019 – Apr 2023  
**Bachelor of Computer Engineering**

## CERTIFICATIONS

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AWS Cloud Practitioner (Expected Nov 2023)