Ahmed Shaikh

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WORK EXPERIENCE

Cloud Computing Assessment Developer   August 2023 – Present
Workera AI   Remote, USA

- Primary SME in Cloud Computing, leading the development of assessments from foundational to advanced levels
- Engineering LLM prompts for automatic assessment generation of any domain for Employee Learning Experience
- *Technologies*: AWS, GCP, Generative AI (ChatGPT, Llama 2)

Front-End Development Intern   Sep 2022 – Dec 2022
Nuance Communications   Montreal, QC

- Developed micro front-end architecture of healthcare apps to improve 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   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   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

PROJECTS & EXTRACURRICULAR

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

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

CERTIFICATIONS

Google Cloud Platform Associate Certification (Expected Dec 2023)