

# Setareh Nouri

Software Engineer - Cloud Computing Specialist

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Leader | AWS & Azure Certified | Self-starter

## Technical Skills

**Programming Languages:** Python, Java, JavaScript, C, Bash, SQL, TypeScript, R, HTML, Kotlin, Go

**Framework/Libraries:** ReactJS, NextJS, Express, jQuery, Bootstrap, CSS, Tailwind CSS, scikit-learn, PyTorch

**Developer tools:** AWS, Docker, Kubernetes, PostgreSQL, Node.js, Jupyter Notebook, MongoDB, Firebase, RStudio, Jira, Trello

## Projects

**RE/MAX Sea To Sky Real Estate (Dashboard)** | ReactJS, Typescript, JavaScript, CSS, AWS  
2023 - Present

September

- Leading the codebase transition from Django to ReactJS, fostering modularity through reusable components and dynamic data population via AWS API Gateway, resulting in an intuitive UI and significant improvement in platform performance.
- Proposed DynamoDB vs MongoDB for streamlined AWS integration leading to lower latency, and auto-scaling capabilities.
- Integrating Lambda functions to establish seamless communication between the API Gateway and DynamoDB tables, optimizing scalability, latency and auto-scaling for backend.

**YVR Water Monitoring Station (Dashboard)** | React, Node.js, JavaScript, Cron, AWS

April, 2023 - December, 2023

- Revolutionized data collection for precise weather modeling near YVR airport, enhancing safety and boosting data efficiency by 25%.
- Connected the frontend and backend using AWS tools, employing React.ts, Chakra-UI, Node.ts, and Express ensuring a user-friendly interface resulting in 30% increase in user engagement.
- Implemented a responsive alert system using Nodemailer, Amazon TimeStream database, and MongoDB which promptly notified users when a device's threshold was exceeded resulting in 40% reduction in response times for real-time water levels.

**SAP Hackathon - Product Owner** | JavaScript, HTML, CSS, Tailwind, MongoDB

September 2022

- Led a team during a 48-hour SAP invitational hackathon focused on adapting to a hybrid work environment.
- As a product owner and designer, I oversaw the design and development of a rewards-based application aimed at addressing the growing issue of SAP's employees' preference for a hybrid way of working.
- Successfully demonstrated a fully functional product to a panel of SAP executives, highlighting the team's ability to rapidly ideate, design, and deliver a solution in a time-sensitive environment.

## Education & Training

**Bachelor of Science in Applied Computer Science** | BCIT

December 2025

- Network Security Applications Development Option

**Computer Systems Technology Diploma** | BCIT

December 2023

- Specializing in Cloud Computing Platforms (DevOps Engineering, Serverless Computing and Microservices).

**Cybersecurity Training and Work Integrated Learning Program** | ICTC

October 2023 - Present

## Certificates

**AWS Certified Cloud Practitioner** | AWS

December 2025

**Microsoft Azure Fundamentals** | AZ-900

January 2024

**Microsoft Security, Compliance, and Identity Fundamentals** | SC-900

January 2024

**Microsoft Azure AI Fundamentals** | AI-900

January 2024

## Leadership & Volunteer Positions

**Club President** | BCIT Computing Club

September 2022 - Present

**Global Mentorship Initiative**

October 2023 - Present

**Women in Cybersecurity (WiCyS) Global**

October 2023 - Present

**Lead Hackathon Manager** | BCIT Computing Club

March 2023