

# KHAN SAID UMAR

## Computer Scientist

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Said Khan

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## EXPERIENCE

### Lead Software Engineer

#### Memorial University, Department of Computer Science

Jan 2024 – Apr 2024

St Johns, Newfoundland

- Led the Developed an ultimate Tic-tac-toe web app to enhance student engagement and strategic thinking.
- Utilized **Python's Bottle framework** and **JavaScript** for interactive game-play.
- Managed user and game states using **object-oriented programming** principles.
- Integrated **SQL database** for persistence with full CRUD operations
- Ensured modularity and consistency with a **robust software process model**.

### Manager

#### Jungle Jims Eatery

May 2023 – Present

St Johns, Newfoundland

- Spearheaded a **newly created position** across branches, establishing responsibilities and execution.
- Identified **inefficiencies** and **implemented solutions** to drive record productivity and sales.
- Trained staff and **coached, motivated, and inspired** them in their roles.
- Collaborated with GM to develop and implement **policies** and **procedures**.
- Mediated conflicts between restaurants, ensuring equitable resource allocation and efficiency.

## PROJECTS

[VISIT PROJECTS](#)

- **WanderStory** (Personal) June 2024 – Present  
Full Stack Adventure Memoir Platform using **MongoDB, Express.js, React, Node.js** (MERN stack).
- **Home Buddy** (Personal) June 2024 – July 2024  
Full Stack House Rental Web App using **React (Typescript), Spring Boot (Java), MySQL, Okta**.
- **Social Media Platform** (Personal) May 2024 – June 2024  
User and Post Management Back End System with **Java, REST API, Spring-Boot, MySQL, Docker, H2, HATEOS, JPA**.
- **Ultimate Tic-tac-toe** (Academic) Jan 2024 – April 2024  
Full Stack Game using **Python, Bottle framework, JavaScript, Sql**.
- **Foodie** (Personal) Jan 2024  
Java application for caloric intake tracking with **Swing** for GUI.
- **Game of life** (Academic) Dec 2023  
Cellular automaton simulation in **Java**.

## EDUCATION

### Bachelor of Computer Science

#### Memorial University of Newfoundland

2022 – Present

St Johns, Newfoundland

Gpa 3.88/4.0

Deans list 2022

## SKILLS

### Programming Languages

Java, JavaScript, JSX, TypeScript, C, Python, HTML, CSS

### Database Management:

PostgreSQL, SQL, H2, MySQL

### Frameworks:

AWS, Bottle, React, Bootstrap, Okta, Spring, REST, SOAP, JPA/JDBC, Express, Node.js

### Software and Build tools:


Maven, Gradle, Swagger, Docker, Git, Rstudio, Unreal-Engine

### Soft Skills


Effective Communication, Delegation, Problem solving, Team Building, Management, Conflict Resolution, Motivator

## CERTIFICATIONS

 **Amazon web services**  
Aws cloud practitioner

 **Amazon web services**  
Deploying Spring Boot Apps to AWS  
Elastic Beanstalk

 **Google Cybersecurity**  
Google cybersecurity professional certificate

 **Java Web-Services**  
Java webservices and REST API with Springboot

 **React and Java Spring Boot**  
Full stack development with React and Spring Boot

 **MERN Fullstack**  
React, NodeJS, Express and MongoDB