MD SEEAM SIDDIQUE

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Linkedin | Github | My Portfolio Website

TECHNICAL SKILLS ⚙️

- Programming Language: Java, Python
- Web Development (Familiar with): HTML, CSS, JSON, XML
- Database Management: SQLite, SQL
- Cloud: Completed AWS Cloud Practitioner Essentials course

EDUCATION 🎓

Bachelor of Science (Major: Computer Science)   **Sep 2023 - Present**

Memorial University of Newfoundland, St. John's, NL

TECHNICAL PROJECTS (Code available in provided Github link) 🖥️

WEATHER DATA ANALYSIS (Personal)   Nov 2025

- Built a Python application for importing and analyzing historical weather data from the Meteostat library.
- Designed the database schema using SQL and implemented ETL pipelines with upsert logic for reliable data storage.
- Developed analysis features for monthly summaries, extremes, rainy day counts, and cross city comparisons.

MARKET DATA ANALYSIS (Personal)   Oct 2025

- Built a Python application for Market Basket Analysis & Product Recommender using the Pandas library.
- Cleaned retail transaction data and grouped invoices into product baskets.
- Mined frequent itemsets and association rules using the Apriori algorithm (pandas library).

SNAKE GAME (Personal)   Sep 2025

- Built a classic Snake game in Java Swing, including game loop, event handling, and score tracking.
- Added a home screen, color themes, and simple keyboard controls.
- Implemented apple spawning, scoring, smooth grid based movement, and automatic high score saving.

KIVI GAME (Academic)   Mar 2025

- Built a Java Swing Kivi board game with a 7×7 grid, multi-screen interface, and a multi-color themed UI.
- Implemented game logic, scoring, and dice combination validation for human and computer players.
- Added save/load features, a winner screen, and packaged the project as a runnable JAR.
- Collaborated with a team of 5 people to design and develop the game, producing full software documentation as part of the academic project requirements

WORK EXPERIENCE 💼

RETAIL STORE ASSOCIATE   Sep 2025 - Dec 2025

Winners/HomeSense (TJX Canada), Avalon Mall, St. John's, NL

- Operated POS transactions and handled customer service while maintaining sales floor standards; received and processed shipments and collaborated with the team to meet daily targets.

DATABASE MANAGEMENT INTERN (Observation Training Program)   Jul 2025 - Aug 2025

Square Hospitals Ltd. - ICT Department, Dhaka, Bangladesh

- Observed enterprise database operations; reviewed change/patching documentation; attended access control and compliance reviews; learned High Availability/Disaster Recovery concepts; observed performance tuning/monitoring walkthroughs; and summarized integration/data warehouse workflows for reporting.

HOUSEKEEPING ASSOCIATE   May 2024 - Aug 2024

MUN Student Residences and Ancillary Operations, St. John's, NL

- Maintained clean, safe, and hygienic hotel facilities; collaborated with a 30 person team to complete daily cleaning schedules, meet quality standards and daily goals.

VOLUNTEER EXPERIENCE 🙌

WORKSHOP PARTICIPANT & ASSISTANT- DATABASE MANAGEMENT   Jun 2025

Bijoy Online Ltd., Dhaka, Bangladesh

- Assisted with setup, sign-in, materials, and session flow for a database management workshop; observed demos on relational modeling, SQL basics, backup/restore, and access control; and compiled notes for attendees.

WORKSHOP FACILITATOR & EVENT ASSISTANT   Aug 2023

Natun Projonmo Uddakta Unnayan Foundation, Dhaka, Bangladesh

- Facilitated a "Computer Skills Development" workshop, training 50+ rural women entrepreneurs in hands-on MS Office (Word, Excel, PowerPoint) and essential internet skills (email and web browsing) to improve digital literacy.