

# Abu Yasin Sabik

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Recent computer science graduate with in-depth knowledge of data structures, algorithms, and software design, development, testing, and debugging. Very passionate about programming and learning new skills/technology. Experienced in working on the full stack of **software development**, including **web development** and **mobile development**. Fundamental proficiency with **DevOps tools** and **AWS cloud platform**.

## EDUCATION

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**Bachelor of Science (B.Sc.) in Computer Science – University of Manitoba**

September 2017 - June 2022

Specialization/Concentration in Databases (working with Big Data and using data mining techniques)

## TECHNICAL SKILLS

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Programming:	C, C++, C#, Java, JavaScript, Python, HTML, CSS
Tools / Frameworks:	React, Node.js, Tailwind CSS, Android Studio, Microsoft Visual Studio, Junit, YAML, Swagger, Amazon Web Services, Git, GitHub, GitLab, Markdown
Database Management:	SQL, MySQL, SQLite, Neo4J

## PROJECTS

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### Ixalan - An Android Application ([Link](#))

- Developed a mobile/android application for booking movie tickets and purchasing movie merchandise.
- Followed agile development techniques and a Three-Tier Architecture pattern utilizing SOLID principles to minimize technical debt and increase maintainability and security.
- Utilized Test Driven Development (TDD) to write unit tests and integration tests achieving a final test coverage of 90%.
- Created a relational database for persistent storage of data, and a website for presentation and exposure.
- Technology / Software used: Android Studio, Java, HTML, CSS, JavaScript, SQLite, Junit

### Chow Town – A Web Application ([Link](#))

- Built a web application for ordering food, with significant focus on user interface (UI) and user experience (UX).
- Implemented an innovative design idea by utilizing maximum screen space and interactive visuals to ensure better web accessibility, handling, and navigation.
- Followed the waterfall methodology and User Centered Design (UCD) principles to maximize usability and efficiency.
- Made both low-fidelity and high-fidelity prototypes to diagnose problems and test product design usability.
- Technology / Software used: HTML, CSS, Bootstrap, JavaScript, React

### Finding Aurora API – An OpenAPI Specification (OAS) Project ([Link](#))

- Designed an API that lets users find information about past and future northern lights using different inputs.
- Followed standard API architecture patterns and thorough documentation for reusability and best practices.
- Technology / Software used: YAML, Swagger, Markdown

## WORK EXPERIENCE

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### STEM Tutor – Paper Education (Montreal, Quebec)

August 2021 – Present

- Running simultaneous, independent tutoring sessions with students from varying grades, and ability levels.
- Displaying excellent communication and organizational skills to manage multiple tasks in a fast-paced environment.
- Conducting assessments, providing detailed professional feedback, and team collaboration.

### Marketing Assistant – Qdoba Mexican Eats (Winnipeg, Manitoba)

July 2018 – June 2019

- Conducted market research, built business relationships, and boosted sales by 40% through marketing campaigns.
- Analyzed data, made progress reports and tracking sheets for future reference and opportunities.