Abu Yasin Sabik

37 Wheat Boom Dr., Oakville, Ontario| yasin00sabik@gmail.com | 431-337-7630
Portfolio: https://yasinsabik.com/ | LinkedIn: https://www.linkedin.com/in/yasinsabik/ | GitHub: https://github.com/yasbik

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 **MS Azure cloud platform**. Additionally, several years of experience in tutoring, sales, marketing, and customer service. Proven to be driven, flexible, and reliable in handling multiple tasks of varying importance.

EDUCATION

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

Programming:	C, C++, C#, Java, JavaScript, Python, HTML, CSS
Tools / Frameworks:	React, Node.js, Tailwind CSS, Android Studio, Microsoft Visual Studio, Junit, YAML, Swagger, Microsoft Azure, Git, GitHub, GitLab, Markdown
Database Management:	SQL, MySQL, SQLite, Neo4J
Development Practices:	Agile Development, Test-Driven Development (TDD)

PROJECTS

Ixalan - An Android Application for Booking Movie Tickets (https://github.com/yasbik/Ixalan)
- Developed a mobile/android application for booking movie tickets and purchasing movie merchandise.
- Followed agile development techniques, along with SOLID principles and other software engineering design patterns for minimal technical debt and increased maintainability and security.
- Utilized Test Driven Development (TDD) to write unit tests and integration tests, achieving over 90% test coverage for the final product.
- Created a relational database for persistent storage of data.
- Technology / Software used: Android Studio, Java, HTML, CSS, JavaScript, SQLite, Junit

Chow Town - An Interactive Website to Order Food (https://github.com/yasbik/Chow-Town)
- Built an interactive website for ordering food, with significant focus on user interface (UI) and user experience (UX).
- Focused on using User Centered Design (UCD) principles to maximize usability and efficiency.
- Explored several user stories and and finalized the ones which are feasible and achievable, given the requirements.
- Researched different technologies and found a solution to improve performance of the website.
- Made both low-fidelity and high-fidelity prototypes to diagnose problems and test product design usability.
- Implemented innovative ideas and design structures to ensure better web accessibility, handling, and navigation.
- Technology / Software used: HTML, CSS, Bootstrap, JavaScript, React

Finding Aurora API – An OpenAPI Specification (OAS) Project (https://github.com/yasbik/Finding-Aurora-API)
- 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

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 local marketing campaigns.
- Analyzed data, made progress reports and tracking sheets for future reference and opportunities.