Abu Yasin Sabik

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Software developer with a **B.Sc. in Computer Science** and a passion for solving complex problems. Experienced with both the **front-end** and **backend** of software design, development, and testing. I also have over 6 years of experience in various management, administration and customer service roles.

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science   09/2017 – 06/2022
University of Manitoba
- Specialization / Concentration: Databases (Database Implementation, Data Mining, and working with Big Data)
- Activities and Societies: Computer Science Students' Association (CSSA), .DevClub, UMSU, UMBSA

TECHNICAL SKILLS

Programming:	Java, Python, C, JavaScript, HTML, CSS
Tools / Frameworks:	Spring Boot, React, Node.js, Tailwind CSS, Android Studio, JUnit, Microsoft Azure, Azure DevOps, REST APIs, WordPress, Git/GitHub
Database Management:	SQL, MySQL, SQL Server, PostgreSQL

EXPERIENCE

Software Developer   01/2024 – Present
Cognitive Automation Technologies – Toronto, Ontario (Remote)
- Working with multiple teams to analyze, design, and develop end-to-end automation solutions by implementing RPA (robotic process automation) bots using **UiPath**.
- Developing and maintaining **RESTful APIs** to facilitate communication between front-end and backend systems.
- Integrating third-party APIs as needed for additional functionality.
- Identifying and resolving performance bottlenecks through profiling, optimization, and load testing.
- Assisting in deploying and managing cloud infrastructure using Microsoft **Azure**.
- Collaborating with the team and learning to implement microservices and cloud-native applications, while focusing on cost and resource utilization.
- Writing **technical documentation**, including specifications, design documents, and user manuals, to provide clear guidance for other team members and stakeholders.
- Utilizing **Azure DevOps** and contributing to the integration of **CI/CD** pipelines and automation workflows.

Computer Science and Math Tutor (Part-Time)   08/2021 – Present
Paper Edu – Monreal, Quebec (Remote)
- Running simultaneous, independent tutoring sessions with STEM students from varying grades, and ability levels.
- Solving coding problems in **Java, Python, and C** as well as basic web development involving **HTML and CSS**.
- Conducting pedagogical assessments, and providing feedback to teachers and students.

Software Development Intern   09/2023 – 12/2023

Cognitive Automation Technologies – Toronto, Ontario
- Assisted with writing, debugging, and testing code for software applications or systems under the guidance of senior developers or mentors.
- Documented code changes, development processes, and project updates to maintain clear and comprehensive records for future reference and knowledge sharing.
- Communicated effectively with team members, mentors, and supervisors to seek guidance, share progress updates, and ask questions as needed to complete assigned tasks.
- Continuously learning and staying updated with the latest RPA and cloud tools, technologies, and best practices.

Software Development Intern   05/2020 – 08/2020

GAO Tek Inc. – Toronto, Ontario
- Worked closely with the senior engineers, learning to build and maintain scalable and reliable software solutions.
- Revamped a webpage of the company website along with the team and developed the front-end using **HTML, Tailwind CSS, and React.js**.
- Contributed heavily towards enhancing client software using improved data structures and algorithms for better client-product match, which **increased online sales by 10%**.
- Designed comprehensive test cases through automated testing tools to ensure all product requirements are met.

Business Analyst   05/2018 – 05/2020

Qdoba Restaurants Corp. – Winnipeg, Manitoba
- Conducted thorough research to identify potential corporate clients, understand market trends, and assess the competitive landscape.
- **Boosted sales by 20%** by using data insights to optimize marketing strategies and campaigns to allocate resources efficiently and achieve maximum ROI within the marketing budget.
- Tracked and analyzed marketing performance metrics, such as website traffic, lead generation, conversion rates, and return on investment (ROI).
- Displayed strong analytical skills and systematic problem solving to meet clients' business needs.

PROJECT HIGHLIGHTS

Personal Portfolio Website (yasinsabik.com) 🔗
This is my personal website that I built from scratch to host my portfolio. My other projects, skills, and experiences are showcased within the website. The site was developed using **HTML, Tailwind CSS, and React** in the frontend, and **Node.js** in the backend.

Ixalan - An Android Application 🔗
Developed a mobile/android application for booking movie tickets and purchasing movie merchandise. The application followed a Three-Tier Architecture utilizing Test Driven Development (TDD) and SOLID principles to minimize technical debt and increase maintainability. Tech Stack: **Android Studio, Java, HTML, CSS, JavaScript, SQLite, Junit, Gradle**

Chow Town – A Web Application 🔗
Built a web application for ordering food, with significant focus on UI/UX. The website implements an innovative design idea by utilizing User Centered Design (UCD) principle to ensure better web accessibility, navigation, and faster load times. Tech Stack: **HTML, CSS, Bootstrap, JavaScript, React**