Adam Azizi

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EDUCATION

Toronto Metropolitan University **Toronto, Canada**
Computer Software Engineering - Bachelor of Engineering *2020-2025(Expected)*

Courses: • Software Design and Architecture • Software Requirement Analysis and SPEC • Software Systems • Database Systems • Algorithms & Data Structure • Object Oriented Programming • Operating Systems

SKILLS & INTERESTS

- **Languages:** JavaScript, Java, C#, Kotlin, C, C++, Python, SQL, HTML, CSS, MATLAB
- **Technologies:** Reactjs, Node.js, Express.js, .NET, Vue.js, Angular.js, Sass, Bootstrap 5, Tachyons, MySQL, Git, Terminal, PostgreSQL, Heroku, SQLite, MS SQL Server, Selenium, Jupyter Notebook, JUnit testing

EXPERIENCE

Salumatics **Mississauga, Canada**
Software Developer *May 2022 - Oct 2022*

- Developed a highly efficient and maintainable **.NET** web application used as the primary tool for business sales, by utilizing my expertise in **ASP.NET, JS/jquery, HTML, and CSS** resulting in a significant 40% increase in sales
- Conducted comprehensive testing, including manual testing and unit testing, to ensure the application's quality and reliability, resulting in a smooth and seamless user experience
- Optimized all **SQL** and online components to achieve a 65% improvement in performance, ensuring timely response and data reliability in compliance with strict service level agreements
- Designed and implemented proper authorization protocols to enhance the application's overall security, ensuring users were granted access only to appropriate data and functionalities
- Implemented a suite of useful features and functionalities, including automated client billing discounts and streamlined data entry forms, achieving a significant 30% increase in sales team productivity

Tetra **Toronto, Canada**
Software Developer *Sep 2022 - Dec 2022*

- Developed and launched a mobile application that allows hospital patients to control the positioning of their beds, resulting in a 30% increase in patient satisfaction
- Utilized **Figma** to create a user-friendly and visually appealing application design, and leveraged **Kotlin** to develop the application's functionality, ensuring optimal performance and ease of use
- **Analyzed and tested** builds to identify and resolve any bugs, leading to a 90% decrease in application crashes
- Incorporated stakeholder feedback throughout the development process, collaborating closely with hospital staff and patients to ensure that the application's functionality aligned with their needs and expectations
- Designed and implemented an in-app tutorial feature to guide new users through the application's features, which dramatically decreased support requests

PROJECTS

Face Detector | Image Detection API **GitHub Link**
Reactjs | Node.js | Express.js | PostgreSQL | Heroku *Sep 2022 - Oct 2022*

- Developed a secure and scalable web application using **Reactjs, Node.js, Express.js, and PostgreSQL** to detect faces in images using Clarafai's Face Recognition API, resulting in an accurate and efficient detection rate of 97%
- Implemented a robust registration system with frontend and backend validation to ensure maximum security
- Created user-friendly profile pages that enable users to manage their detection entries, change passwords, and view relevant information with ease

Leaked Password Detector | Python Scripting **GitHub Link**
Python | SHA-1 Hashing | Requests & Hashlib libraries *Apr 2023 - May 2023*

- Developed a password detector using **Python** and libraries such as requests and hashlib that enables users to verify if their passwords have been compromised, resulting in improved online security for users
- Achieved a reliable and accurate password check rate of 95% by integrating the application with the pwned passwords API and implementing SHA-1 hashing for password encryption
- Implemented a command-line interface for secure password checking, enabling users to avoid typing their full password on the web and minimizing the risk of sensitive information exposure