

KACPER JAN BURZA

(647)-444-6820 | kburzacomputers@gmail.com

Portfolio: <https://kacperburza.ca/>

Linkedin: <https://www.linkedin.com/in/kacper-burza/>

GitHub: <https://github.com/kburza>

TECHNICAL SKILLS


- Proficient in **C/C++, Java, JavaScript/TypeScript, HTML5, TailwindCSS, SQL, XML, Git, Node/React, Angular, Matlab, Python, Docker, GCP, AWS, SolidWorks** as well as **Visual Studio Code, Eclipse, Netbeans** IDEs and the **Microsoft Office** Suite of programs
- Familiar with **MacOS, Windows, Linux, iOS, and Android** operating systems
- Experience with **API** implementation in Java and **microservices** usage in HTML/Javascript frameworks (Node, React, Angular, Next)
- Graphic design knowledge in **Photoshop, GIMP, Procreate, and Autodesk Sketchbook**
- Detail-oriented with a strong grasp of the software development lifecycle, adept at effectively planning, scheduling, and prioritizing tasks, and possessing a knack for solving complex problems in a collaborative team setting
- Fluent in English and Polish, with limited working proficiency in French

EDUCATION

Bachelor of Computer Engineering, Toronto Metropolitan University (f.k.a Ryerson) | Toronto, Ontario Sept. 2018 — May 2023

- Graduated with CGPA 3.17/4.33
- 2021-2022 (3rd year) and 2022-2023 (4th Year) Dean's List in the Faculty of Engineering and Architectural Science
- Completed Courses:
 - **Computer Networks and Security** (TCP/UDP Socket API + Libraries in Java)
 - **Fundamentals of Data Engineering** (SQL/XML, Java API Connector)
 - **Microprocessor Systems** (Assembly/C/C++)
 - **Intelligent Systems** (Python, Scikit)

EXPERIENCE

Enterprise Technology Intern, CanDeal | Toronto, Ontario |  June 2024 — September 2024

- Developed a secure, full-stack internal tool to enhance user functionality using Next.js for the front end and FastAPI (through HTTP) for the back end, ensuring a responsive and efficient application.
- Utilized AWS App Studio for web development, including creating internal tools and generating AI prompts to automate workflows and improve user engagement.
- Implemented a robust backend system using an Amazon RDS Aurora PostgreSQL database for efficient data storage and retrieval.
- Deployed and managed the application on AWS and Microsoft Azure, leveraging Docker containers on a Linux environment for streamlined packaging and deployment while collaborating with team through a Git/Azure repository

Inside Technical Sales, FEA-Training Consultants Inc. | Mississauga, Ontario |  July 2023 — January 2024

- Collaborated proficiently with SolidWorks, an industry-leading 3D computer-aided design (CAD) software, to conceive, simulate, and visually conceptualize advanced product designs
- Proactively engaged in the expansion of our clientele and the augmentation of business growth by proficiently navigating the Zoho CRM for streamlined sales prospecting activities


Front End Developer, D Cubed Solid Consultants Inc. | Oakville, Ontario |  June 2021 — August 2021

- Designed and implemented the front-end of a website using JavaScript, HTML, and CSS
- Ensured cross-device compatibility by optimizing the CSS codebase for both desktop and mobile access

CERTIFICATIONS

• **AWS Certified Cloud Practitioner | Course Code: CLF-C01 | ** July 2023

PERSONAL PROJECTS

Java SQL Database Manager with UI | Toronto, Ontario |  Jan 2023

- Designed and developed a Java application with a dynamic user interface to explore and manage SQL databases using the JDBC API, enhancing proficiency in database management and Java programming
- Implemented a headphones database within the application, this includes data on commercial grade headsets that can be freely updates and manipulated in real time through the JDBC connector

Deep Learning Security Tools Repository Web-App | Toronto, Ontario |  Sept. 2022 — May 2023

- Developed the front-end of a web application using React/Node.js by taking advantage of their rich package ecosystems
- Utilized the Next.js 13 framework and Ant Design component library to create a sleek, responsive website design with routing, thereby boosting the website's performance through server-side rendering
- In a team setting, led the design and implemented key front-end features, such as website layout and design, input forms, and custom graphics, to enhance the user experience. Collaborated through Git/GitHub with group over the course of the project

Secure Java Bank App | Toronto, Ontario |  Feb 2023

- Collaborated within a team to develop a Secure Java Bank App featuring a comprehensive GUI, employing encryption standards such as RSA and DES for secure data transmission and storage.
- Implemented SQL database connectivity alongside socket programming to ensure real-time communication, enhancing the application's functionality and security in managing bank accounts.