

# KACPER JAN BURZA

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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 PLCs (Programmable Logic Controllers) gained through university coursework
- 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
- Proficient in Scrum and Agile, skilled in iterative software delivery with cross-functional teams

## 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

## EXPERIENCE

**Full-Stack Software Developer, Global Wealth Engineering — Scotiabank | Toronto, Ontario** March 2025 — Present

- Contributed to modernizing enterprise-level projects in Java SpringBoot and Node.js, integrating Gemini and GPT models to automate backend logic and deploying services within Kubernetes clusters on GCP and Azure.
- Leveraged Git and Bitbucket for CI/CD management, utilizing Claude Code to accelerate debugging, unit testing, and the remediation of security scan findings across a dozen production deployments.
- Created and optimized Power BI dashboards for analyzing operational data from ServiceNow, writing complex SQL queries for Microsoft SQL Server to improve visibility and reporting accuracy.
- Led the development of high-impact proofs of concept, including a React (TypeScript) client onboarding application and a token-based authentication microservice integrated with LLM-driven data validation.
- Participated in the full software development life cycle (SDLC), ensuring AI-driven features met strict QA and security standards within a highly regulated global wealth management environment.

**Enterprise Technology Intern (Solutions Architect), CanDeal | Toronto, Ontario** June 2024 — September 2024

- Utilized AWS App Studio for web development, including creating internal tools and generating AI prompts to create an Angular/Vite webpage to automate workflows and improve user engagement
- 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.
- 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.
- Collaborated effectively within a cross-functional team, utilizing Git commands and managing code in an Azure DevOps environment to maintain high code quality and ensure efficient version control as well as managing YAML Pipelines

**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

**Chatsper: Angular Chat App | Toronto, Ontario** Feb 2024

- Developed a secure chat application using Angular for frontend and Google Firebase (GCP) for real-time storage of user information, messages, and settings, demonstrating a micro-services architecture for modular and scalable application development

**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, leveraging their rich package ecosystems and utilizing the Next.js 13 framework and Ant Design component library to create a sleek, responsive website design with efficient routing and server-side rendering
- Designed and implemented key front-end features, such as website layout and design, input forms, and custom graphics, to significantly enhance the user experience

**Portfolio Website | Toronto, Ontario** May 2023

- Designed and built a dynamic, responsive website using Node.js, React, Tailwind CSS, and the Next.js 13 framework to showcase my front-end development skills, incorporating AWS S3 buckets for efficient asset hosting.
- Enhanced user experience by implementing dynamic routing, lazy loading, and server-side rendering, significantly reducing page load times and improving overall performance.