

# BARTOSZ KOSAKOWSKI

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in bartosz-kosakowski-4160b1137/ 🌐 Bumbatumbarumba

## SKILLS

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**PROGRAMMING LANGUAGES:** JavaScript, MongoDB, React, JQuery, NodeJS, GraphQL, TypeScript, SQL, HTML/CSS, Python, C#.NET, VB.NET, Java, Elm

**TOOLS:** Visual Studio 2017, Visual Studio Code, SQL Server 2014, Bash, Git, Jest

**OTHER SKILLS:** Fluent in Polish

## EMPLOYMENT

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**Back-end Software Developer | .NET and SQL Server 2014, Ontario Financing Authority** Jan. 2019 - Aug. 2019

- Led to a 640 hour increase in office productivity by correcting calculations across several pieces of software, as well as providing overall support for future issues related to these areas.
- Streamlined manager's implementations of bug fixes by 40 hours through investigating and reporting on issues in report generating software.
- Produced web pages on the company portal to advertise and organize social events.

**Back-end Software Developer | .NET and SQL Server 2014, Ontario Financing Authority** Apr. 2018 - Dec. 2018

- Refined existing code to be more maintainable by replacing in-line string SQL statements with stored procedures.
- Improved workflow and management of new bank data by adding additional features to financial trade software and changes to the user interface.
- Implemented new SQL tables and views which would be used in future feature additions to the software.

**Production Planner, Cyclone MFG Inc.** May 2017 - Aug. 2017

- Accomplished over 600 work orders and 50 part templates, bringing extra flexibility for my team to focus on higher priority goals, and more consistently meet deadlines.
- Led to faster and easier completion of work by ensuring engineering documents contain data of sufficient quality and correctness.
- Reduced time to transfer data from JobBOSS software into Microsoft Dynamics AX platform by 40 hours.

## PROJECTS

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Moodbuddy | React, Typescript, GraphQL, MongoDB

- Fourth year design project to help users track changes in their mental state as well help therapists gain insight on their patients.
- Collaborating with three other student developers and a professor.

To Do List | React, NodeJS, MongoDB

- Web app that allows for a user to create to do lists, sign in/up, and save their lists with their account on a MongoDB database.

Kevin's Kreations | HTML, CSS, JavaScript, JQuery.

- Fake online art store where the user can browse the artist's portfolio, read their biography, add items to a cart, go to a checkout, sign up for a mailing list, and contact the artist.

## EDUCATION

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**McMaster University**

B.A.Sc. Honours Computer Science 2020

June 2015 - Current

## VOLUNTEERING

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**McMaster Outreach, Volunteer**

1280 Main St W, Hamilton, ON L8S 4L8

Oct. 2016 - Oct. 2016

- Tutored Elm syntax to over 300 elementary school children, and encouraged them to pursue studies in Computer Science.