BARTOSZ KOSAKOWSKI

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SKILLS

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

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

Moodbuddy | React, Typescript, GraphQL, MongoDB
- Parses users' journal entries using a sentiment analysis API to allow for monitoring trends in their mental health.
- Lets users to share their entry data with mental healthcare practitioners to facilitate therapy sessions.

Exoplanet Data Visualizer | React, NodeJS
- A web app that uses NASA's exoplanet API to pull information about planets in systems outside of our own, allowing the user to see available data on those planets.

To Do List
- Full stack 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.

EDUCATION

McMaster University   June 2015 - Current
B.A.Sc. Honours Computer Science 2020

VOLUNTEERING

McMaster Outreach, *Volunteer*   Oct. 2016 - Oct. 2016
1280 Main St W, Hamilton, ON L8S 4L8
- Tutored Elm syntax to over 300 elementary school children, and encouraged them to pursue studies in Computer Science.