

Brian Smak

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CAREER SUMMARY

Web developer with engineering background bringing mathematical knowledge, critical thinking, and problem solving. Developed multiple projects consistently in a fast-paced environment. Always looking for opportunities to grow and learn, both technically and professionally.

TECHNICAL SKILLS

Frontend: HTML5, CSS, JQuery, JavaScript, Bootstrap, AJAX, React.js

Backend: MySQL, Express, Node, Handlebars, MongoDB

Other: Microsoft Office (Word, Excel, PowerPoint, Project), NX/CAD Design, Git

PROJECTS

Group BurntPopkorn Media App | Github: <https://github.com/Rodolfod1/BurntPopKorn.git> | Deployed Link: <https://burntpopkorn.herokuapp.com/>

- **Summary:** MERN Stack Application utilizing Chart.js and OMDB API to allow users to store personal reviews and favorite their own shows and movies.
- **Role:** Used React Hooks to display information from OMDB API as well as setting up the API itself and the environment variables. Configured charts via Chart.js to show user activity.
- **Tools/Languages:** React, Javascript, MongoDB, Axios, Chart.js, Server-side APIs, Heroku

Weather Dashboard | Github: <https://github.com/bjsmak/Weather-Dashboard.git> | Deployed Link: <https://bjsmak.github.io/Weather-Dashboard/>

- **Summary:** Weather application that will allow users to display weather information on the location searched.
 - **Role:** Used AJAX calls to make requests to OpenWeatherMap API and integrated it via JQuery. Also integrated local storage to allow user searches to persist after reload.
 - **Tools/Languages:** JQuery, AJAX, HTML, CSS, Server-side APIs
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PROFESSIONAL EXPERIENCE

AAM (American Axle & Manufacturing)

2013 to Present

Senior Product Engineer

May 2014 to Present

Designing and releasing differential components from concept design through final launch. Work with multiple teams to provide bill of materials and technical information in support of corporate cost estimating and other activities.

- Led a cost savings activity on a large-scale program that led to annual savings of \$50,000.
- Worked on a team that was the first to take on a new pursuit and successfully won the program.

Product Engineering Co-op

October 2013 to April 2014

Provided support for propeller shaft group on various activities including benchmarking and releasing bill of materials.

- Provided benchmark reports and learned new technologies fast in order to meet customer deliverables.
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EDUCATION

Full Stack Web Development Certificate - Michigan State University	2021
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Bachelor of Science in Mechanical Engineering - Oakland University	2014
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