

Brodie Snelling

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PROFILE

I am an experienced mechanical engineer in training whose passion for problem solving and innovation led me to pursue a career in web development and cloud computing. I am excited to branch into this field because my strong analytical skills combined with my excitement for continuous learning match the fast-paced and expanding technology sector. As a mechanical engineer, I often had to work with clients to quickly come up with cost-effective and efficient solutions to their problems - skills that I am eager to translate into web design and cloud architecture.

SKILLS

JavaScript (ES6), React, Node.js, HTML, CSS, Sass, MySQL, Python, Git, GitHub, Web APIs, REST APIs, CI/CD etc.

PROJECTS

Team Lead | In-Stock Project

MAR 2022, BRAINSTATION GROUP PROJECT

Took the lead on creating a website using JavaScript and React on the front-end that tracked up-to-date warehouse inventory by communicating with a server run on Node.js. Also managing merge conflicts on Github from team members pushed code, and making sure everyone makes a pull request for most recent versions.

Lead Developer | Music Promotion App

MAR 2022, BRAINSTATION CAPSTONE PROJECT

Independently building a full-stack app that will allow artists to easily promote their music using React, MySQL, Sass and Node.js

EDUCATION

BrainStation | Diploma, Web Development

JAN 2022 - APR 2022, ONLINE

AWS | Certified Solutions Architect - Associate

ISSUED SEP 2021, ONLINE

University of Ottawa | Bachelor of Applied Science in Mechanical Engineering

JAN 2014 - MAY 2018, OTTAWA, ON

EXPERIENCE

Mechanical Designer Contract | Med-Eng Systems

DEC 2019 - MAR 2021, OTTAWA, ON

- Analyzed designs and offered solutions for existing problems to improve efficiency and cost-effectiveness
- Met with clients, engineers, and manufacturers to discuss projects and incorporated feedback into designs
- Coordinated and led a team of 6 engineers to launch a new Explosive Ordnance Tools line while meeting tight deadlines

Mechanical Engineer in Training | Compendium Group Inc.

JUN 2018 - DEC 2019, PRESCOTT, ON

- Created and edited BOMs and parts in SolidWorks for machines with thousands of components so that clients could easily understand how their equipment functioned
- Met with customers from over 30 different factories to troubleshoot machine problems and coordinated the manufacturing or purchase of spare parts if needed

Engineering CO-OP | Canarm Ltd.

SUMMERS 2016 & 2017, BROCKVILLE, ON

- Created 3D parts, assemblies, and drawings used for production
- Worked with a team of 3 engineers to build and test prototype designs for quality assurance to successfully minimize costs related to faulty designs
- Organized and kept up-to-date material lists of over 500 different materials to streamline product assembly