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# JACOB LOWTHER

*Software Engineer*

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- Portfolio: [www.jacoblowther.com](http://www.jacoblowther.com)
- LinkedIn: [linkedin.com/in/jacob-lowther/](https://www.linkedin.com/in/jacob-lowther/)
- GitHub: <https://github.com/YggdrasilJL>
- Location: Maugerville, NB

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## PROFESSIONAL SUMMARY

As an enthusiastic Front-End Developer, I've cultivated a robust foundation in JavaScript, HTML5, and CSS3 through intensive full-stack bootcamp training. My experience as a former security guard and maintenance worker instilled impeccable attention to detail and problem-solving skills. I'm eager to channel my technical expertise, creativity, and commitment to continuous learning into a software engineering role. Visit my GitHub projects to witness my dedication as a novice software engineer, ready to make a meaningful impact.

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## TECHNICAL EXPERTISE

- **Programming Languages:** JavaScript
- **Web Technologies:** React.js, HTML5, CSS3, Bootstrap, EJS
- **Back-End:** Node.js, Express.js, MySQL, NoSQL
- **Tools and Practices:** Version Control (Git), Visual Studio Code
- **Soft Skills:** Problem Solving, Adaptability

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## PROJECTS

<https://github.com/YggdrasilJL>

### 1. CyberScript - Learning Platform:

At the intersection of web development and collaborative innovation, CyberScript shines as a dynamic learning platform. What sets this project apart is the synergy of a talented, cross-functional team who brought it to life. This endeavour manifests:

- **Team Effort:** Developed in collaboration with a diverse team, CyberScript showcases my ability to work harmoniously on complex full-stack projects.
- **React.js Proficiency:** The user-friendly front-end, powered by React.js, harmonizes design and functionality, reflecting my team's collective expertise.

- Empowering Learning Modules: Users embark on structured learning journeys encompassing HTML, CSS, and JavaScript, thoughtfully crafted.
- Personalized Profiles: User profiles celebrate individualism and stand as a testament to our collective dedication.

## 2. Mapbrew - RPG Map Builder:

Worked with a cross-functional team to create an interactive full-stack application in under 2 weeks, using the latest technologies to create something unique and polished with password hashing functionality, user authentication and much more.

- Implemented robust password hashing functionality to enhance user security.
- Developed seamless user authentication features to ensure a personalized experience.
- Collaborated closely with team members to integrate complex features seamlessly.
- Demonstrated adaptability and problem-solving skills in a fast-paced development environment.

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## WORK EXPERIENCE

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*Shadow Security | Fredericton, NB*

**Security Guard** | October 2022 - Present

- Demonstrated strong attention to detail and dealt with on the spot problems while ensuring the protection of people and property.
- Assisted in the development and execution of security strategies to prevent unauthorized access and mitigate risks.

*Shearwater Youth Centre | Shearwater, NS*

**Event Planner** | 2015 - 2018

- Collaborated with a team of peers to create events for the community.
- Developed professional relationships and organizational skills to achieve common goals and keep the youth entertained.

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## EDUCATION

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UNB FULL-STACK BOOTCAMP, *Fredericton, NB*

**Certificate** | 2023

LEO HAYES HIGH SCHOOL , *Fredericton, NB*

**Diploma** | 2021

Science Honours: Biology 12, Geography 11 (*Achieved more than 90%*)