
JACOB LOWTHER

Software Engineer

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 - 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

Enthusiastic Front-End Developer with expertise in JavaScript, HTML5, and CSS3, gained through intensive full-stack bootcamp training. I am dedicated to continuous learning and eager to apply my technical skills, creativity, and problem-solving abilities in a software engineering role. Check out my GitHub projects to see my commitment as a novice software engineer ready to make an impact.

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

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.

WORK EXPERIENCE

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.

EDUCATION

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%*)