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**Jake van Halder**  
<https://jakevanhalder.github.io/portfolio/>

GitHub: [jakevanhalder](#)  
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## Projects

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### Pulse

May - June 2024

<https://github.com/jakevanhalder/Pulse>

- Utilized **C#**, **ASP.NET**, and **Bootstrap** to create a todo, goals, and budget web application
- Integrated a secure authorization and authentication system using **Identity Entity Framework** and **SQL** for the back-end, ensuring robust user access control and data privacy
- Aiming to deploy the **MVC** application through **Azure**

### JJCLA-LibAssist

April - May 2024

- Used **C#**, **ASP.NET**, and **Winforms** to create a library assistant web application that aimed to help librarians manage book checkouts and user requests for a class project
- Utilized the **Prototyping Development Model** to quickly create a working model to quickly gain opinions from theoretical shareholders
- Participated in a group of five students with varying roles where I participated as a **full stack** developer but mainly worked on the **front end** of the application

### MakeCents

Feb 2024 - Present

<https://github.com/jakevanhalder/MakeCents>

- Developing an educational financial management web application tool using the **MERN** stack through an **incremental process model**
- Aiming to create interactive courses within the platform to educate users on financial literacy and management principles.

## Employment

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### Shipping Clerk

LMI Aerospace

Jun 2023 - Aug 2023

- Optimized supply chain operations by seeking out high-priority tickets, increasing the department's processed tickets by 10%
- Conducted periodic audits and cycle counts of inventory to reconcile discrepancies, identify root causes of inventory discrepancies, and implement corrective actions to improve inventory accuracy

## Education

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Pullman, United States

Washington State University

Aug 2022 - May 2026

BS in Computer Science

- **Relevant Coursework:** Data Structures C/C++, Computer Architecture, Software Engineering I, Object Oriented Software Principles, Cybersecurity & Cryptography
- **Clubs:** Cougs in Space

## Technical Skills

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- Languages: C/C++, C# .Net, HTML/CSS, Jetpack Compose, Node.js, React, Express.js, Python, kotlin, Javascript
- Tools: Git, Gitlab, Linux, Gradle, CMake, MongoDB, GDB, Cloud Firestore, WinForms, ASP.Net, .Net Core, SQL