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

GitHub: [jakevanhalder](#)
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Projects

Pulse

April 2024 - Present

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

- Utilized **C#**, **ASP.NET**, and **Bootstrap** to create a user-friendly and intuitive front end.
- 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**

MakeCents

Feb 2024 - Present

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

- Developing an educational financial management 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.

Android Recipe Tracker

Oct 2023 - Present

<https://github.com/jakevanhalder/Android-Recipe-app>

- Developing an mobile Android recipe application using **Jetpack Compose**
- Providing users with a convenient, organized platform to save and easily access their favorite recipes
- Utilized modern design principles and Material Design guidelines to create visually appealing and cohesive UI components

Employment

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

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

Technical Skills

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