ERICA SEYDEN

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SENIOR WEB APPLICATION DEVELOPER
Experienced Senior Developer Looking To Join A Cross Functional Team

Agile Project Management ▪ PHP ▪ Laravel ▪ HTML5 ▪ Tailwind ▪ JavaScript ▪ React ▪ Vue.js

SENIOR WEB APPLICATION DEVELOPER with over a decade of experience building high-impact solutions to streamline business processes, elevate user experience, and drive customer satisfaction. I am a strong advocate for maintainable, high-quality code designed with adaptability and longevity in mind. With a deep commitment to code as craft, I bring a collaborative, value focused approach that consistently delivers solutions that evolve alongside business needs.

HONORS

- **2018 NACCU INNOVATIVE TECHNOLOGY AWARD**
- **2018 UNIVERSITY OF MONTANA STAFF SENATE KUDOS AWARD**
- **2015 UNIVERSITY OF MONTANA OUTSTANDING TEAMWORK AWARD**
- **2014 DIVISION OF STUDENT AFFAIRS HONORS**

PROFESSIONAL EXPERIENCE

YAKIMA CHIEF HOPS, REMOTE
2023–2024

SENIOR WEB DEVELOPER, 2023-2024

*Collaborated on key applications enhancing customer experience and internal efficiency. Effectively **utilized** Laravel, Vue, TypeScript, Storybook, RESTful APIs, Microsoft Entra ID, and Kinde SSO to deliver modern and secure web application solutions.*

- **LOT INFORMATION OVERHAUL:** *Enhanced brewer decision-making by adding crucial data visualizations in the lot information lookup tool, enabling brewers to compare values across hops lots and achieve precise flavor profiles.*
- **SENSORY INTAKE MODERNIZATION:** *Streamlined sensory data entry by enabling mobile submissions, allowing panelists to record and submit sensory information directly into the database from any device, improving data accuracy and convenience.*
- **UNIFIED COMPONENT LIBRARY:** *Developed a Vue and TypeScript component library to unify design and branding across applications, improving user experience by ensuring consistent UI elements. Leveraged Storybook for comprehensive documentation and testing, while automating updates with GitHub Actions to publish new versions to NPM, streamlining deployment and reducing manual effort for feature rollouts.*

UNIVERSITY OF MONTANA, MISSOULA, MT
2012–2023

SENIOR WEB DEVELOPER, Web Technology Services, 2018-2023

Consolidated three different departmental web application hosting systems to a unified infrastructure, utilizing shell scripting and Laravel Envoyer for automated environment configuration, deployment and testing. Participated in hiring and mentoring new team members on the effective use of PHP design patterns, Laravel, and React.

- **CONTENT MANAGMENT SYSTEM:** *Automated legacy data updates, transitioning site structures for faster, consistent designs, cutting project timelines from over a year to mere months. Developed a PHP and JavaScript plugin architecture that streamlined new functionality deployment and allowed end users to configure modules for event data, directories, and rich media, reducing load times and enabling rapid development of new features.*
- **PALEONTOLOGY CATALOG PROJECT MANAGEMENT:** *Spearheaded agile development of a modernized paleontology specimen catalog, engaging stakeholders to shape each feature, delivering MVPs quickly, and incorporating real-world feedback, establishing a culture of continuous improvement.*

- ▶ **EFFICENT API INTEGRATIONS:** *Built backend integration for math placement score imports, delivering essential data to the ERP for seamless processing. Created secure intermediary for private APIs to enable the integration of 3rd party event system data on public websites. Extracted employee directory information form ERP system and provided an API for a public contact directory.*

- ▶ **FORM SUBMISSION OVERHAUL:** *Implemented SSO and directory-based security for CMS web form submissions mirroring permissions of website editors. This streamlined the creation and access to information intake forms eliminating tedious manual access permissions for each form's submission database.*

SENIOR WEB APPLICATION ENGINEER, Student Affairs IT, 2014-2018
Led development for Student Affairs applications, implementing advanced DevOps and agile methodologies. Built scalable PHP and MySQL solutions, deploying Docker and Kubernetes for enhanced performance and reliability across environments. Guided a team in best practices in Laravel, JavaScript frameworks, and RESTful API design.

- ▶ **VETERAN'S EDUCATION BENEFITS:** *Developed a unique, automated application to manage complex benefit calculations based on course enrollment changes, saving hundreds of staff hours and eliminating costly billing errors. This application played a critical role in supporting UM's Veterans Education and Transition Service (VETS) Office, contributing to the university's recognition as a **Military Friendly School**, **Purple Heart University** and the recipient of accolades such as the **Joining Community Forces-Organization Award**. The tool was instrumental in UM's ability to serve veteran students efficiently and with high accuracy, helping the university establish a reputation as a leader in veteran support services.*

- ▶ **UNCLAIMED PROPERTY MANAGEMENT:** *Built an award-winning system to manage inactive student ID account balances, generating notifications and automating fund reallocation. Improved compliance with unclaimed property regulations and reduced potential manual administrative workload by over 90%.*

- ▶ **CONFERENCE SCHEDULING AND CHECK-INS:** *Created a web and mobile application for managing conference schedules, enabling attendee check-ins and push notifications for session updates. This simplified event management and enhanced the attendee experience with real-time updates.*

- ▶ **KEY RING MANAGEMENT FOR FACILITIES:** *Developed an application to track and manage keys across facilities, improving security and accountability. Enabled staff to log and retrieve key details more efficiently, reducing lost time in key assignment management.*

WEB PROGRAMMER, Student Affairs IT, 2012-2014
Developed custom PHP applications and infrastructure, replacing manual processes and outdated systems across Student Affairs. Established a DevOps foundation with CentOS, Puppet, and Jenkins, optimizing deployments and system stability.

- ▶ **DCO-HOME IT TICKETING SYSTEM:** *Created a robust system for tracking IT work requests, enabling timely responses through automated tracking and email updates with users. Additionally, DCOHome ran the campus dormitory network's DHCP server and authorized device connections, improving security and efficiency in managing network access.*

- ▶ **RESIDENT ASSISTANT DUTY LOG:** *Created a secure digital logging tool for RAs to record incidents, significantly improving accountability and record-keeping for residence hall staff. This tool reduced paperwork and ensured faster access to duty reports in real-time.*

- ▶ **FOOD ZOO MENU:** *Built an online cafeteria menu that allowed students to filter meals by dietary restrictions, improving accessibility to nutrition information and aligning with wellness goals. This solution provided a user-friendly experience and was regularly praised by students with dietary needs. The application also generated PDF printable nutrition information cards for use on the cafeteria line providing an easy-to-use method to quickly publish updated nutritional data.*

- ▶ **TABLE TIMER:** *Designed a billing tool to automate table rental charges in the campus game room, increasing revenue tracking accuracy and reducing time spent on manual transactions. This system also enhanced customer experience with streamlined, transparent billing.*

EDUCATION

A.A.S., Computer Programming, 2007
from
ASHVILLE-BUNCOMBE TECHNICAL COMMUNITY COLLEGE