

# William Krug

## Full Stack Software Engineer

Twin Cities, MN | (651) 428-5553 | [william.p.krug@gmail.com](mailto:william.p.krug@gmail.com)

Portfolio: <https://william-krug-portfolio.herokuapp.com/#/>

GitHub: <https://github.com/William-Krug> | LinkedIn: <https://www.linkedin.com/william-krug-67a86ab6/>

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## Summary

Three words that accurately describe me are, decisive, grit, and problem-solver. When there is an obstacle in my path, I take it head on. I've used this approach to solve coding problems, diagnose electrical systems on cars, and run marathons. By analyzing the situation, breaking down the problem into more manageable chunks, determining a course of action, and persistently working the smaller problems, I find there isn't a hurdle that I can't overcome.

## Core Competencies

- |                   |                |                  |                    |
|-------------------|----------------|------------------|--------------------|
| • JavaScript      | • React        | • HTML           | • CSS              |
| • C#              | • Blazor       | • Ruby           | • Ruby on Rails    |
| • Java            | • Python       | • C              | • Node.js          |
| • Express.js      | • Redux        | • Sagas          | • PostgreSQL       |
| • SQL             | • Leadership   | • Lean Six Sigma | • SAFe Agile       |
| • Problem-Solving | • Organization | • Communication  | • Customer Service |

## Experience

### ExperienceIT

October 2021 - Current

Associate Software Engineer I

- Collaborated in a green field project building a reporting application for government contractors using C# and Blazor
- Partnered with newer developers on problem solving and pair programming to refactor code base
- Constructed new internal endpoints to meet Canadian requirements for payments and taxes
- Assisted in story creation and refinement to ensure features are ready for development

### LAB651

May 2021 - September 2021

Full Stack Software Developer

- Collaborated with other developers to create features matching customer's requirements
- Focused on front end design and functionality
- Explored new techniques and acquired additional skills with Ruby on Rails

### Prime Digital Academy

December 2020 - April 2021

Full Stack Software Engineer Student

Solo Project: My Running Journal

- App was created to digitally track runs and provide metrics on average distance, time, speed, and pace
- Users can look at a timeline of their runs along with personal metrics to see, and gauge, their progression
- Built with JavaScript, React, Redux, Sagas, Node.js, Express.js, Moment.js, Material-UI, SweetAlert, and Charts.js

#### Group Project: Contrive

- Party planner application that sets itself apart by suggesting vendors to planners and allowing planners to filter search results based on unique facts about the vendors
- Led the group as both developer and Project Manager to build the application in a timely and efficient manner for MVP
- Built with JavaScript, React, Redux, Sagas, Node.js, Express.js, Moment.js, Socket.IO, and Material-UI

#### **Solera Holding / Identifix**

**June 2009 - September 2020**

Project Manager (June 2018 - September 2020)

- Trained Subject Matter Experts (SMEs) on classification of repair manual documents and vehicle application to increase content delivery to production site
- Utilized in-house application to connect automotive specification and company built software for use on Direct-Hit website
- Revamped new account set up process for a clear understanding between all departments and streamlined completion

Data Author 2 (June 2015 - June 2018)

- Performed annual special independent projects for competitive analysis and Product Team improvement suggestions
- Classified repair manual content and defined automotive applications

European Carline Specialist (June 2009 - June 2015)

- Communicated with automotive technicians via telephone, email, and fax
- Diagnosed vehicle concerns and recommended solutions on parts to replace
- Authored diagnostic procedures for technicians to follow on Direct-Hit website

#### **European Medieval Arts of Arms, llc**

**September 2005 - May 2009**

Instructor / Business Partner

- Designed and updated new curriculum with fellow owners
- Collaborated with other instructors to produce training materials for the academy
- Led training classes for students ranging from ages 7 to 65
- Fought in full armor with live steel on the Demonstration Team

## **Education**

**Prime Digital Academy, Remote,**

**2021**

Full Stack Software Engineering Certification

**Normandale Community College, Bloomington, MN**

**2020**

Associates of Science in Computer Science