

# Isaac Carnes

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## Objective

Software Engineer with 2+ years of experience bringing a stakeholder led project from inception to conception seeking to leverage the skills and knowledge gained to provide clean high quality code for a challenging project.

## Education

**Certificate in Full Stack Web Development**, University of Pennsylvania Aug 2021 - Feb 2022

## Skills

**Software:** (*proficient*):C#, Javascript, HTML/CSS, React, Angular, Typescript (*familiar*):Python

## Employment

### **Connected Software Engineer**

Bayer

Feb 2023 - July 2025

Pittsburgh, PA

Passlink (<https://dev.passlink.bayer.com>): Access Contrast Injector service features through Passlink mobile app

- Designed and implemented a local REST API in TypeScript to enhance the functionality of an existing C# architecture.
- Updated C# based medical device software to integrate with the API, enabling expanded functionality.
- Developed, modified, and integrated UI controls within existing C# WPF MVC applications to enhance functionality and usability.
- Developed comprehensive test suites using Jest to ensure reliability and consistency in API functionality.
- Authored and maintained technical documentation in compliance with Bayer's established processes.
- Adhered to Agile development methodologies, utilizing tools such as Git, Artifactory, and Jira for version control, artifact management, and project tracking.
- Collaborated with stakeholders to enhance and refine customer-facing designs for improved user experience.

## Software Projects

**Personal Website:** <https://isaacjcarnes.github.io/ij-portfolio/> (For additional information and projects)

### **Card Graphix** (<https://card-graphix.web.app/>)

- A Firebase web app built with React that allows users to create, customize and export their own business cards
- Responsible for team management, some page design, card creation functionality
- Migrated project to Firebase from Heroku
- Utilized: Firebase, React, Apollo JS, Cloudinary, Html2Canvas, js2pd