

Jeffrey Tobin

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PROFILE

Full stack developer with a passion for architecture and design. Enthusiastically approaches the large and small details of a system with preplanning and testing. Meets new challenges with readiness to learn and an open mind. Well organized, and enjoys working with a team to bring new software to life.

EMPLOYMENT

Great Day Improvements, Software developer

May 2020 - Current

- Rearchitecting an existing webforms application into a ASP.NET MVC5 application and dedicated API.
- Contributing to overall system architecture utilizing SOLID software principles.
- Simplifying and creating a cohesive UI language through the application.
- Implementing features and enhancements of other business critical applications.

Olsträd Engineering, Software engineer

Feb. 2017 - Current (Full-time that continued into side projects)

- Determined use cases, created mock-ups, designed and implemented a cross platform native application based on xamarin forms, with a web portal developed in Ruby on Rails.
- Improved and extended functionality of Olsträd Engineering quoting web application.
- Reported on progress, and maintained constant communication to ensure that software solution met the needs of Olsträd Engineering.

PROJECTS

SketchBlock

- Five-part midi keyboard and sequencer, intended for easy creation of melodies. Developed with Roli's Littlefoot language for Roli's Lightpad Block. Required detailed memory management and heap organization strategies for low level hardware.

Kent Hack Enough (hackathon)

- A simple internet connected coffee machine that integrated with IFTTT services to start brewing coffee from anywhere. Programmed in C for low-level control of an Arduino device.

EDUCATION

Bachelors of Science in Computer Science

- Kent State University
- Graduated Dec. 2017

SKILLS

Languages:

- C#
- Ruby
- VB
- C / C++
- SQL
- Javascript, HTML, CSS
- XAML
- Swift
- WebGL

Frameworks & Tools:

- ASP.NET MVC5 / CORE
- Xamarin Forms
- Ruby on Rails
- Bootstrap
- EF6 / EF core
- OData
- iOS
- Moq
- GIT / SVN repositories

Programming paradigms:

- Procedural
- Object Oriented
- MVC
- MVVM
- Generic
- Event-driven