



Web Development

HTML · CSS · JavaScript
jQuery · Bootstrap · React.js
Node.js · Express.js · GitHub
Authentication and security · MVC
RESTful APIs · Unit testing

Databases

SQL & NoSQL database queries
MongoDB · Mongoose · Firebase

Mobile Development

Swift programming · C# · MVVM
Xamarin Forms · XAML

Engineering

Problem solving · Critical thinking
Attention to detail · Calculations
2D modelling · 3D modelling
Detailed system design

Project Delivery

Teamwork · Project leadership
Communication · Client focus
Scope definition · Report writing
Budget and program development
Stakeholder engagement

Carly Mapleson

carly.mapleson@gmail.com · 0415 411 319

Personal Profile

I worked as an engineer for several years designing complex mechanical systems but decided to change career track and jump into software development. As such, I may be new to development, but bring with me enthusiasm, energy, and an arsenal of quality tools.

I enjoy creating simple, elegant solutions to challenging problems and delivering excellence. I love automation, testing and continuous improvement.

Software Programming and Web Development Skills

For the past 2 years I have learnt all I can about programming concepts and languages (see left). Where previously I used AutoCAD, Revit, Camel, BlueBeam and the Microsoft Office Suite, I now dabble in Sketch, Xcode, Visual Studio Code, Atom, Microsoft SQL Server, and the Chrome dev tools.

See What I've Already Done

I have collated several projects in my GitHub portfolio, including a personal website and two mobile apps to showcase different skillsets. Although I have many future ambitions, I focus on what I have learned along the way and my next steps to improve. Check them out here:

daughterofmaple.github.io

Other Relevant Skills

Many of the skills required to successfully deliver engineering projects are equally valuable in software. Coming from an engineering consulting background, I have a proven track record of successful project delivery, thanks in large part to many of the elements listed here (left).

Formal Qualifications

- Certificate IV in Programming, Upskilled Pty Ltd, Australia, 2021
- Bachelor of Engineering – Mechanical (Hons Class 1, Distinction average), UNSW, Australia, 2013
- Bachelor of Commerce – Finance, UNSW, Australia, 2013

Self-Education Standouts

“The Complete 2022 Web Development Bootcamp” and “The Complete iOS App Dev Bootcamp”, by Dr Angela Yu.

C# Basic, Intermediate and Advanced topics, Unit testing in C# and “Xamarin Forms: Build Native Cross-Platform Apps with C#”, by Mosh Hamedani.