SABRINA FERGUSON

6578 Brynhurst DR, Tucker, GA 30084
brina.heath@gmail.com | 770.634.7003

SKILLS & ABILITIES

I have a passion for the various aspects of front end web development with knowledge ranging from designing with Photoshop, mocking up wireframes in Balsamiq for user testing, to developing front-end UI with HTML/CSS and Javascript in various MVC frameworks like Ruby on Rails.

EXPERIENCE

SENIOR UI ENGINEER CARDLYTICS
NOV 2014 - CURRENT

Design and develop wireframes based on user interviews and testing to develop products for the end user. Develop interactive interfaces that are responsive and ADA Level AA compliant for banks' end users. Develop in-house applications with AngularJS and HTML/CSS in ASP.NET projects. Some experience working with React, NodeJS, Express, Webpack and SQL. Research and development using Angular 2+ for future projects.

Redesigned and rebuilt the core bank application and drastically cut down the original development time and decreased areas of errors using jQuery, BackboneJS, Underscore and Browserify.

UI/UX ENGINEER M2M STRATEGIES/GETONE REWARDS
APR 2014 – NOV 2014

Responsible for designing online interfaces for franchise marketing administration and UI on the mobile app for customers. Coordinated with 3rd party developers to ensure usability and designs were implemented properly in Android app development. Focus on user experience and improving the usability in redesign of existing legacy desktop application. Planned out use cases, mocked up wireframes with Balsamiq and developed with HTML/CSS and Javascript in Java and .NET environments.

WEB DEVELOPER PLAYON! SPORTS
AUG 2011 – FEB 2014

Designed and maintained the HTML/CSS and Javascript of the main site and services. Mocked up designs in Photoshop and developed in a Ruby on Rails environment. Went through several redesigns and restructure of the online services during various stages of company and product design. Experience in working with Amazon AWS and Heroku.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA
B.S. COMPUTATIONAL MEDIA - 2010

RECENT PROJECTS

SMARTNOSH

Worked on a project with a colleague in developing and building out an online salad ordering system. Designed and developed the website using Angular Material and AngularJS. Used gulp to handle front-end development and packaging. Implemented the use of AWS Lambda hooked up to API Gateway to create API endpoints for handling customer orders. Implemented Stripe API to handle charging and handling customer payments. Built as a serverless website, we used S3 to store the website pages and assets. Used Google Firebase for implementing user registration and order handling and developed a back-end admin portal for the business to process orders and deliveries with employees.

CARDLYTICS BANKUI SERVICE

Rebuilt from the ground up to replace existing legacy application that initially only used jQuery for DOM injected widgets designed for bank online applications to provide targeted offers. Researched and made decisions on using various libraries for the new application and went with BackboneJS for the application. Used gulp to handle development and packaging with Browserify. Developed a Node.js Express server to handle local development testing using mock data to visually test the UI. Newer development process drastically cut down the original development time and removed areas where errors would occur during development.

ITSACOYOTE WORKSHOP

Designed and developed a personal portfolio website showcasing personal miniature paintworks. Custom built entire HTML/CSS for the front end design using Hexo, a static-site generator. Developed a plugin for Hexo that converts my static pages into AMP compatible pages for Google AMP. Use Route53 for DNS handling of various URLs for my personal project, S3 for static asset handling along with Cloudfront for delivery.