

Jarrod Taylor

Distiller of useless skills. Sports car enthusiast. Writer, programmer, podcaster. Rock 'n' roll dilettante and caffeine addict. Also, sometimes I make things.

Senior Software Engineer**2013-2024**

Maris Consulting Group

Remote

I've worked on dozens of contract projects with Maris for over 10 years.

- Worked independently, on small teams as well as on larger teams.
- Built apps and systems from back-of-a-napkin sketches into shipping products.
- Worked on frontend, backend, full stack, APIs, progressive web apps, CMS backed apps, mobile apps for iOS and Android, desktop apps, pretty much everything.
- Managed projects and teams of various sizes.
- Worked on design, copywriting, marketing materials, and technical documentation.

Skills: Ad Hoc distribution · Adobe Flash · Amazon Web Services (AWS) · Android Development · AngularJS · Apple Health · Bluetooth Low Energy · C# · C++ · CSS · Elixir · Ethernet · Git · GitHub · Google Health · Heroku · HTML · Ionic Framework · iOS Development · Java · JavaScript · Kotlin · Node.js · Objective-C · Obj-C to Swift bridging · PeerTalk · Phoenix Framework · PostgreSQL · Python · React.js · Responsive Web Design · Ruby · Ruby on Rails · Sinatra · Swift · Vue.js · Web Design · Xamarin

Senior Software Engineer

Fidelity Investments

Contracted through Maris Consulting Group

2023-2024

Remote

The Fidelity Bloom app uses psychology to help people improve their saving and spending habits.

I helped design and implement a scalable configuration system inside the app so we could customize features for universities and corporate sponsors, allowing them to create unique experiences for their students and employees.

- Built the initial version of a scalable configuration so the Bloom app could be configured remotely.
- Integrated QR codes into the launching of the Bloom app to affiliate new users with universities and corporate partners.
- Helped build the Bloom account onboarding experience for affiliated users.
- Worked to extend coverage of Bloom app automated UI testing.
- Created an automated method to test new API changes against older versions of the Bloom app.
- Built new UI screens and flows for the Bloom Learn & Earn feature.

Skills: Git · iOS Development · Swift

Senior Software Engineer

Fidelity Investments

Contracted through Maris Consulting Group

2022-2023

Remote

Using the new Fidelity OnSite Hub iOS app, Fidelity employees can book desks and conference rooms to fit their hybrid work schedules, find out when and where their colleagues are stationed, and coordinate in-person working sessions with their teams. All driven by Microsoft Teams, Exchange, and Graph data.

- Helped get the OnSite Hub ready to ship.

Skills: Git · iOS Development · Swift

Senior Software Engineer

2022-2024

PrismHR

Remote

Contracted through Maris Consulting Group

PrismHR builds and runs the leading HR platform for companies to manage their payroll, benefits, compliance, and other HR responsibilities.

- Worked with PrismHR to build a cross platform mobile app around their Employee Portal.
- Created white labeled versions of the same app for Prism's customers (other HR companies) to give to their own employees.

Skills: Android Development · CSS · HTML · iOS Development · JavaScript · Kotlin · Swift

Senior Software Engineer

2023

LandrumHR

Remote

Contracted through Maris Consulting Group

- Integrated LandrumHR's various HR services into mobile apps for iOS and Android.

Skills: Android Development · CSS · Git · HTML · iOS Development · JavaScript · Kotlin · Swift

Senior Software Engineer

2023

Paychex

Remote

Contracted through Maris Consulting Group

- Built custom branded Prism Employee Portal apps for iOS and Android.

Skills: Android Development · CSS · HTML · iOS Development · JavaScript · Kotlin · Swift

Senior Software Engineer

2021-2022

IDEXX

Remote

Contracted through Maris Consulting Group

The IDEXX Preventative Care Challenge (PCC) tool allows veterinarians access to customized testing panels and protocols, pet owner communication tools, and personalized training.

Initially released in the US and Canadian markets, IDEXX wanted to extend PCC to the Australian market, requiring unique test panels options, pricing and discount calculations, reporting and feedback methods, and SAP integration.

- Performed software development, prep and release of the product to vets operating in Australia.
- Extended the language internationalization to include AU English.
- Developed new core and application components.
- Integrated with the Global SAP system to manage AU access.
- Developed customized UX on top of the IDEXX CMS.
- Added AU specific test panels into the dataset.
- Replaced their existing, outdated LavaStorm reporting tools with new custom tools.
- Replaced the existing SES emailing integration with a more manageable SendGrid integration.
- Streamlined their associated iPad apps for easier future development.
- Extended the PCC training environment to support AU vet training.
- Helped audit and secure the PCC application code.
- Assisted with hiring and training new developers.

Skills: AngularJS · CSS · Git · Heroku · HTML · JavaScript · Node.js · PostgreSQL · SAP ERP · SendGrid TypeScript

Senior Software Engineer

2021

Chewy

Remote

Contracted through Maris Consulting Group

- Helped convert the Chewy web app design to be mobile-first.

Skills: AngularJS · CSS · Git · HTML · JavaScript · PostgreSQL · Ruby on Rails

Senior Software Engineer 2021
Syrinx Consulting Remote
Contracted through Maris Consulting Group

- Designed and developed a marketing website.
- Set up auto-deployments.
- Automated testing.
- Built a custom CMS.

Skills: CSS · Elixir · Git · GitHub · HTML · JavaScript · Phoenix Framework

Senior Software Engineer 2019-2021
Tg2 Solutions Remote
Contracted through Maris Consulting Group

Tg2 DataSolv is a mobile application designed to provide a complete solution to field oriented organizations who are looking to streamline and simplify operations.

- Designed and developed a cross platform mobile app for collecting and managing inspection data with a dynamic inspection form UX.
- Built database, reporting, and map visualization tools.

Skills: C# · Xamarin

Senior Software Engineer 2020
See Yourself Health Remote
Contracted through Maris Consulting Group

See Yourself Health connects diabetic people with fellow peers and health professionals to create a community striving towards better health.

- Build a cross platform mobile app featuring an animated, interactive avatar that helped patients track symptoms for their doctors.
- Developed web based data collection for health patients.
- Helped connect patients with peers through a Second Life portal.

Skills: Apple Health · CSS · Git · Google Health · Heroku · HTML · JavaScript · Ruby · Sinatra

Senior Software Engineer	2020
Sefas Innovation	Remote
Contracted through Maris Consulting Group	

Sefas is a global leader in omni channel customer communications management with a technology suite that provides an end-to-end solution for managing customer communications from composition to processing, distribution, archival, and retrieval.

- Developed composable, configurable Vue.js widgets for customer onboarding and job tracking apps.

Skills: CSS · HTML · Git · JavaScript · Python · Vue.js

Senior Software Engineer	2020
octoScope	Remote
Contracted through Maris Consulting Group	

octoScope is the market leader in isolated, repeatable and automated wireless personal testbeds.

- Ported their C++ network traffic tool multiPerf, to run on iOS.
- Developed a way for OctoScope's iOS app to communicate with control servers directly via Ethernet.
- Set up ad hoc distribution to manage client access of the production releases.

Skills: Ad Hoc distribution · C++ · Ethernet · iOS Development · Objective-C · Obj-C to Swift bridging
PeerTalk · Swift

Senior Software Engineer	2019
Iron Mountain	Remote
Contracted through Maris Consulting Group	

- Built customizable, performant table widgets for Iron Mountain's internal platform.

Skills: CSS · Git · HTML · JavaScript · React.js

Senior Software Engineer

TorchMetrics

Contracted through Maris Consulting Group

2019

Remote

- Built a customer facing web app for providing feedback on presentations.

Skills: CSS · Git · Heroku · HTML · JavaScript · PostgreSQL · Ruby on Rails · Vue.js

Senior Software Engineer

Crowd Lending, Inc.

Contracted through Maris Consulting Group

2018

Remote

- Designed and built a marketing website for real estate lenders.

Skills: CSS · Git · Heroku · HTML · JavaScript · Web Design

Senior Software Engineer

The Baupost Group

Contracted through Maris Consulting Group

2018

Remote

- Led the front end design, architecture, development, and testing of a new internal report portal.

Skills: CSS · Git · HTML · JavaScript · Node.js · Vue.js

Senior Software Engineer

2018-2019

CloudHealth by VMWare

Remote

Contracted through Maris Consulting Group

CloudHealth provides cloud computing services related to cost management, governance, automation, security, and performance.

- Implemented a new design system for the CloudHealth platform.
- Implemented responsive design principles to ensure seamless user experiences across various devices and screen sizes.
- Built various front end features for tracking cloud server health.
- Integrated third-party APIs and services to enhance the platform's functionality and extend its capabilities.
- Worked closely with backend developers to design and implement RESTful APIs for seamless data exchange between the front-end and backend systems.

Skills: Amazon Web Services (AWS) · AngularJS · CSS · Git · HTML · JavaScript · PostgreSQL
Ruby on Rails

Senior Software Engineer

2017

TSD Mobility Solutions

Remote

Contracted through Maris Consulting Group

- Built white labeled cross platform mobile apps (iOS + Android) for renting cars and golf carts.
- Built supporting mid-tier services to manage rental vehicle reservations.
- Designed and built a QR code based system for on-the-fly rentals.

Skills: C# · CSS · HTML · Ionic Framework · JavaScript · MS Team Foundation VC · Vue.js · Xamarin

Senior Software Engineer

2017

Mirion

Remote

Contracted through Maris Consulting Group

- Converted Mirion's nuclear measurement and detection hardware management app from Flash to HTML + vanilla JavaScript.

Skills: Adobe Flash · CSS · HTML · JavaScript

Senior Software Engineer 2016
SmartBear Remote
Contracted through Maris Consulting Group

- Built a prototype cross platform (Android/iOS) custom web browser for automated testing of mobile web apps.

Skills: Android Development · iOS Development · Java · Objective-C

Senior Software Engineer 2016
UWeave Remote
Contracted through Maris Consulting Group

- Helped build a cross platform mobile news app with an innovative UX.

Skills: Android Development · AngularJS · CSS · Git · Heroku · HTML · Ionic Framework
iOS Development · JavaScript

Senior Software Engineer 2016
DentaQuest Remote
Contracted through Maris Consulting Group

- Developed an internal patient record tracking system to be installed in dental offices.

Skills: CSS · Git · HTML · JavaScript · React.js

Senior Software Engineer 2015
Odysee, GoalMate, and Flash Tag Remote
Contracted through Maris Consulting Group

- Built initial MVP versions of mobile social networking apps.

Skills: Android Development · CSS · Git · Heroku · HTML · Ionic Framework · iOS Development
JavaScript · PostgreSQL · Ruby · Sinatra

Senior Software Engineer

2015

Upland Localytics

Remote

Contracted through Maris Consulting Group

- Integrated Twitter's advertising API into the main Localytics app.
- Consulted on the design of their payment processing integrations.
- Refactored their test suite for speed.

Skills: Git · Ruby on Rails · Twitter API

Senior Software Engineer

2015

Conjur, Inc.

Remote

Contracted through Maris Consulting Group

- Helped with AWS config training and setup.

Skills: Amazon Web Services (AWS)

Senior Software Engineer

2013-2015

Cumberland Farms

Remote

Contracted through Maris Consulting Group

SmartPay serves hundreds of thousands of customers and has processed over \$1B in mobile payments.

- Worked on a team of 4 to design and build the Cumberland Farms' SmartPay server platform (6 server, high availability).
- Helped develop high-performance iPhone, Android, and mobile web apps.
- Helped develop scalable cloud-based services that perform ACH, PayPal, and coupon management.

Skills: Android Development · CSS · Git · HTML · iOS Development · Java · JavaScript · Objective-C
Payment Card Processing · Ruby on Rails · TorqueBox

Senior Software Engineer

2014

PayPal

Remote

Contracted through Maris Consulting Group

- Built the Mobile Retail SDK for retailers to use when building their own PayPal enabled consumer mobile apps in both iOS and Android, leveraging PayPal services to manage payments, users, locations, products, and shopping sessions.
- Wrote the mobile app side of a Bluetooth Low Energy integration with cash registers for in-store digital payments.

Skills: Android Development · Bluetooth Low Energy · iOS Development · Kotlin · Objective-C · Swift

Senior Software Engineer

2014

Altman Vilandrie & Company

Remote

Contracted through Maris Consulting Group

- Wrote statistical significance algorithms in Python for brand health tracking data.
- Fixed data and performance issues.
- Helped re-architect the upcoming version of their web app.

Skills: AngularJS · Git · JavaScript · Python

Senior Software Engineer

2014

Verizon

Remote

Contracted through Maris Consulting Group

- Built various mobile proof-of-concept apps to show the possibilities of mobile advertising on the Verizon network.

Skills: AngularJS · CSS · Git · Heroku · HTML · Ionic Framework · iOS Development · JavaScript · Ruby Sinatra

Senior Software Engineer

Arcadia

2013-2014

Remote

Contracted through Maris Consulting Group

Arcadia is a cloud-based healthcare data platform.

- Built a health care opt-out web app.
- Solved their tricky front end UI performance problems with Chosen.js.

Skills: AngularJS · Git · Heroku · Ruby · Sinatra

Senior Software Engineer

MCNA Dental

2013

Fort Lauderdale, FL

MCNA processes dental insurance claims.

- Helped redevelop their dental insurance processing platform from Ruby on Rails to Lisp + a graph database so they can quickly adapt to business process changes.

Skills: Lisp · Ruby on Rails

Senior Software Engineer

BeQuick

2013

Palm Beach Gardens, FL

BeQuick develops MVNO wireless billing and fulfillment software.

- Worked with a small team to rebuild their entire platform from the ground up as a distributed system.

Skills: CSS · EmberJS · Git · HTML · JavaScript · Ruby on Rails

Web Developer

Freelance

2011-2013

Lawrenceville, GA • Hybrid

I spent 2012 helping local small businesses with web + mobile design and development.

- Built a Rails engine to manage multiple sports ticketing websites (COTA Experiences, NFL Pro Bowl On Location, and Grand Prix Experiences).
- Worked with Career Training Concepts to turn Dr. Gary Arthur's study guide program from a workbook into Counselor Exams, a web app, including purchasable study materials, practice exams with scoring breakdowns and study suggestions, content admin, and user statistics tracking.
- Prototyped a Geolocation based Client Relations Management System.

Skills: CSS · DataMapper · Git · Heroku · HTML · JavaScript · jQuery · PostgreSQL · Ruby
Ruby on Rails · Sinatra

Research & Development Engineer

Front Porch, Inc.

2011

Sonora, CA • Hybrid

I worked with Front Porch, a hotspot ISP and advertising platform, on researching and developing new ideas for captive audience mobile portals.

- Prototyped innovative mobile web user experiences for future products.

Skills: CSS · HTML · JavaScript · Mobile Interface Design

UX Designer + Full Stack Programmer + Architect

eKwipper

2009-2011

Sonora, CA

eKwipper was a mobile web app (before app stores) that enabled users to create grocery shopping lists, locate products in stores, and scan digital coupons at checkout.

- Built the consumer desktop and mobile web apps.
- Designed the B2B UX that tracked grocery store product inventory and placement.
- Worked on integrating the backend system with grocery store cash registers.

Skills: CSS · HTML · JavaScript · Microsoft SQL Server · Responsive Web Design · Ruby on Rails
Scriptaculous · Subversion

Web Designer

Freelance

2001-2009**Lawrenceville, GA**

- Designed and built marketing websites for small and medium businesses.

Skills: CSS · Final Cut Pro · HTML · JavaScript · Macromedia Director · MySQL · Ruby on Rails
Virtual Private Server (VPS)