

Employment History

Managing Member

We Ship Software

Associate Partner

Maris Consulting

Software Engineer

BeQuick Software

Software Engineer

MCNA Dental

Web Developer

Freelance

Partner + Lead Designer

Screen Sized

Cofounder + CTO

City Slicking

UX Designer+Full-Stack Developer

eKwipper

Web Designer

Freelance

Contract Gigs

Webmaster

Outlier Jets

Senior Mobile Engineer

Fidelity Investments

Principle Mobile Engineer

PrismHR

Principle Mobile Engineer

LandrumHR

Principle Mobile Engineer

Paychex

Senior Software Engineer

IDEXX

Senior Frontend Developer

Chewy

Senior Software Engineer

Syrinx Consulting

Lead Mobile Engineer

Tg2 Solutions

Principle Software Engineer

See Yourself Health

Senior Frontend Developer

Sefas Innovation

Lead iOS Engineer

octoScope

Senior Frontend Developer

Iron Mountain

Senior Full-Stack Developer

TorchMetrics

Principle Full-Stack Developer

Crowd Lending, Inc.

Lead Frontend Developer

The Baupost Group

Senior Full-Stack Engineer

CloudHealth

Principle Mobile Engineer

TSD Mobility Solutions

Senior Frontend Developer

Mirion Meriden Corp.

Senior Mobile Engineer

SmartBear

Senior Frontend Developer

UWeave

Principle Full-Stack Developer

DentaQuest

Principle Software Engineer

Odysee, GoalMate, FlashTag

Senior Software Engineer

Upland Localytics

Senior Software Engineer

Conjur, Inc.

Senior Software Engineer

Cumberland Farms

Principle SDK Engineer

PayPal

Senior Backend Developer

Altman Vilandrie & Company

Principle Software Engineer

Verizon

Lead Full-Stack Developer

Arcadia Healthcare Solutions

Active Projects

Alternator.sh

Layouts, includes, and variables in HTML/CSS/JS.
Markdown built-in. Localhost server optional.

We Ship Software

We help growing businesses build and deliver better software than anything available to their competitors.

Employment History

Associate Partner

2013–2024

Maris Consulting (formerly Syrinx Consulting)

Boston, MA

In 2013 I started at Syrinx Consulting as a Senior Software Engineer where I contracted with dozens of companies all around the US.

We worked on everything from turning back-of-a-napkin sketches into shipping products all the way up to enterprise development and maintenance. I acted as a sales engineer, hands-on developer, team lead, and project manager.

In 2016 I was made an associate partner.

In 2022 we were acquired by DeWinter Group and began operating as Maris Consulting.

Software Engineer

2013

BeQuick Software

Palm Beach Gardens, FL

BeQuick develops MVNO wireless billing and fulfillment software.

I worked with a small team to rebuild the platform from the ground up as a distributed system.

Ember.js • Ruby on Rails

Software Engineer

2013

MCNA Dental

Ft. Lauderdale, FL

MCNA processes dental insurance claims.

I helped redevelop their claims platform from Ruby on Rails to Lisp + a graph database so they can quickly adapt to industry process changes.

Lisp • MS SQL Server • Ruby on Rails

Web Developer

2011–2013

Freelance

Atlanta, GA

In 2011 I went back to freelancing, helping local businesses with web/mobile design and development.

With BrightFire, I built a Rails engine to run the backend of websites for their client, QuintEvents.

Sites such as COTA Experiences, NFL Pro Bowl On Location, and Grand Prix Experiences used the engine to manage block tickets sales.

With Career Training Concepts, I turned Dr. Gary Arthur's study guide program from a workbook into Counselor Exams, a practice exam web app with purchasable study materials.

DataMapper • Heroku • HTML/CSS/JS • jQuery • PostgreSQL • Ruby on Rails • Sinatra

Partner + Lead Designer**2012**

Screen Sized

Atlanta, GA

We went door-to-door selling mobile web design to local restaurants in Atlanta.

Mobile Web Design

Cofounder + CTO**2011**

City Slicking

Jamestown, CA

City Slicking was a Groupon-like startup. I built all the things.

Heroku • Mobile Design • Payment Processing • PostgreSQL • Ruby on Rails

Research & Development Engineer**2011**

Front Porch, Inc.

Sonora, CA

Front Porch, a hotspot ISP and advertising platform, was the sole investor in eKwipper. When eKwipper shut down, Front Porch brought me on as a R&D Engineer for the company officers.

Their main product was a router for hotels that showed ads when visitors joined the wifi network. The growth of 3G necessitated a new strategy.

My role was to collect new ideas and quickly turn them into prototypes, bypassing the typically slow engineering timelines and red tape.

HTML/CSS/JS • Mobile Interface Design

UX Designer + Full-Stack Developer**2009–2011**

eKwipper

Sonora, CA

eKwipper was a mobile web app (before app stores) for creating grocery lists, locating products in stores, and consolidating digital coupons for quick scanning during checkout.

As employee #5, this was my first startup experience.

I built the consumer desktop and mobile web apps, designed the B2B UX for tracking inventory and product placement, and worked with the engineering team on integrating our backend system with grocery store cash registers.

HTML/CSS/JS • MS SQL Server • Responsive Web Design • Ruby on Rails • script.aculo.us

Web Designer**2001–2009**

Freelance

Atlanta, GA

I got my start at 17 building a video studio in the back of a prepress shop. It quickly led to creating interactive video CDs with Macromedia Director and eventually to building websites. I handled the design, production, and promotional materials for client projects, from concept to completion.

HTML/CSS/JS • Final Cut Pro • Macromedia Director • MySQL • Ruby on Rails • VPS

Contract Gigs

Webmaster

2025–Current

Outlier Jets

Naples, FL

Outlier Jets is the industry leading private jet company providing 24/7/365 global access to aircraft.

I work with them to come up with and build new ideas to promote their product.

CodeIgniter

Senior Mobile Engineer

2022–2024

Fidelity Investments

Boston, MA

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

I worked on the design and implement of 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.

Using the 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.

I helped get the initial version ready to ship.

Swift • Tridion

Principle Mobile Engineer

2022–2024

PrismHR

Hopkinton, MA

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

I worked with them to build a cross platform mobile app around their Employee Portal with custom branded versions for Prism's customers to give to their own employees.

Android • iOS

Principle Mobile Engineer

2023

LandrumHR

Pensacola, FL

LandrumHR offers integrated and customizable services that include payroll, employee benefits, risk management, workers' compensation, compliance, consulting and training solutions.

I integrated their various HR services into new mobile apps.

Android • iOS

Principle Mobile Engineer**2023**

Paychex

Rochester, NY

Paychex is a leading provider of integrated human capital management solutions for payroll, benefits, human resources, and insurance services.

I built branded mobile apps for their employee portal.

Android • iOS

Senior Software Engineer**2021–2022**

IDEXX

Westbrook, ME

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 US and Canada, 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.

We extended the language internationalization to include AU English, integrated with the Global SAP system to manage AU access, added AU specific test panels, replaced their outdated LavaStorm reporting tools with new custom tools, replaced the existing SES emailing integration with SendGrid, streamlined their iPad apps, helped audit and secure the PCC application code, and assisted with hiring and training new developers.

AngularJS • Heroku • iOS (iPad) • Node.js • PostgreSQL • SAP ERP • SendGrid

Senior Frontend Developer**2021**

Chewy

Plantation, FL

Chewy combines the personalized service of your neighborhood pet store with the convenience and speed of e-commerce.

I helped convert their web design to be mobile-first.

AngularJS • Ruby on Rails

Senior Software Engineer**2021**

Syrinx Consulting

Needham, MA

Designed and developed our marketing website with a custom GitHub Wiki based CMS.

Elixir • Phoenix

Lead Mobile Engineer**2019–2021**

Tg2 Solutions

Needham, MA

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

We designed and developed a cross platform mobile app for collecting and managing inspection data with a dynamic inspection form UX along with database, reporting, and map visualization tools.

Xamarin

Principle Software Engineer**2020**

See Yourself Health

Beverly, MA

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

We created a cross platform mobile app featuring an animated, interactive avatar that helped patients track symptoms for their doctors.

Apple Health • Google Health • Ionic

Senior Frontend Developer**2020**

Sefas Innovation

Burlington, MA

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.

I developed composable UI widgets for their customer onboarding and job tracking apps.

Python • Vue.js

Lead iOS Engineer**2020**

octoScope (now Spirent)

Littleton, MA

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

We ported their C++ network traffic tool multiPerf, to run on iOS, developing a way for app to communicate with control servers directly via Ethernet.

C++ • Objective-C • PeerTalk • Swift • C++ to Objective-C and Swift bridging

Senior Frontend Developer**2019**

Iron Mountain

Boston, MA

Iron Mountain is a global leader in storage and information management services and trusted by more than 225,000 organizations around the world, including 95% of the Fortune 1000.

I built customizable, performant table widgets for their internal platform.

React

Senior Full-Stack Developer**2019**

TorchMetrics

Boston, MA

TorchMetrics provides feedback with action steps to take your presentation skills to the next level.

We built the second and third versions of their customer facing web app.

Heroku • PostgreSQL • Ruby on Rails • Vue.js

Principle Full-Stack Developer**2018**

Crowd Lending, Inc.

Boston, MA

Greater Boston's preferred private real estate lender, Crowd Lending, Inc. delivers a fast, flexible, and reliable lending opportunity for builders, developers, and real estate investors.

I designed and built their initial marketing website.

HTML/CSS/JS

Lead Frontend Engineer**2018**

The Baupost Group

Boston, MA

The Baupost Group is a Boston-based investment manager with a long-term, value-oriented, multi-strategy approach to investing.

I led the frontend design, architecture, development, and testing of a new reporting portal.

Vue.js

Senior Full-Stack Engineer**2018–2019**

CloudHealth by VMWare

Boston, MA

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

I implemented their then-new design system, built various front end features for tracking cloud server health, integrated third-party APIs and services, and worked closely with backend developers to design and implement RESTful APIs for seamless data exchange between the front- and backend systems.

Amazon Web Services • AngularJS • PostgreSQL • Ruby on Rails

Principle Mobile Engineer**2017**

TSD Mobility Solutions

North Andover, MA

TSD designs and develops fleet mobility solutions for dealerships, automotive manufacturers, automotive groups, and car rental companies worldwide.

We built their white-labeled mobile apps and supporting mid-tier services for reserving cars, bikes, and golf carts. Customers can scan QR codes to rent vehicles on-the-fly.

.Net • Xamarin

Senior Frontend Developer**2017**

Mirion Meriden Corp

Atlanta, GA

Mirion is a global leader in radiation safety, science and medicine.

We converted their nuclear measurement and detection hardware management app from Flash to HTML and vanilla JavaScript.

Adobe Flash • HTML/CSS/JS

Senior Mobile Engineer**2016**

SmartBear

Coconut Creek, FL

SmartBear provides trusted tools that give software development teams around the world visibility into end-to-end quality through test management and automation, API development lifecycle, and application stability, ensuring each software release is better than the last.

I prototyped a mobile, cross platform, custom web browser for automating testing.

Xamarin

Senior Frontend Developer**2016**

UWeave

Needham, MA

UWeave was a cross platform mobile news app with an innovative UX. I developed the circular navigation interface.

Ionic

Principle Full-Stack Developer**2016**

DentaQuest

Wellesley Hills, MA

DentaQuest manages dental and vision benefits for more than 33 million Americans through a nationwide network of providers in all 50 states.

We developed an internal patient record tracking system that was installed on-site in dental offices.

React

Principle Software Engineer**2015**

Odysee, GoalMate, FlashTag

New York, NY

Odysee, GoalMate, and FlashTag were a trio of mobile social networking apps based around pictures and videos. I developed MVP versions off all three.

Android • Heroku • Ionic • iOS • PostgreSQL • Ruby • Sinatra

Senior Software Engineer**2015**

Upland Localytics

Austin, TX

Localytics is a mobile marketing solution to create personalized mobile app experiences that drive engagement, loyalty, and conversion.

I integrated Twitter's advertising API into their main app, consulted on the design of their payment processing integrations, and refactored their test suite.

Ruby on Rails • Twitter API

Senior Software Engineer**2015**

Conjur, Inc.

Newton, MA

Conjur automates machine identity provisioning, authorization of privileged access, service account control, and machine-to-machine connectivity.

I helped with AWS config training and setup.

Amazon Web Services

Senior Software Engineer**2013–2015**

Cumberland Farms

Westborough, MA

Cumberland Farms SmartPay has processed over \$1B in mobile payments via pay-at-the-pump ACH, saving hundreds of thousands of customers 10¢/gallon.

I worked with a small team to build the initial version of their mobile apps and high-availability server platform.

Android • iOS • Payment Processing • Ruby on Rails • TorqueBox

Principle SDK Engineer**2014**

PayPal

San Jose, CA

Before NFC payments were a thing, PayPal was branching out into retail and mobile payments by taking advantage of new smartphone capabilities.

I worked with them to develop iOS and Android SDKs for retailers. The SDKs leveraged PayPal services to manage payments, users, locations, products, and shopping sessions.

We used Bluetooth Low Energy to interface with cash registers for in-store digital payments.

Bluetooth Low Energy • Kotlin • Objective-C • Swift

Senior Backend Developer

2014

Altman Vilandrie & Company

Boston, MA

Altman is one of the world's largest global strategy consulting firms with an exclusive focus on the Telecommunications, Media, and Technology.

I helped them develop statistical significance algorithms in Python for brand health tracking data, fixed a few data and performance issues, and consulted on a new architecture for the then-upcoming version of their platform.

AngularJS • Python

Principal Software Developer

2014

Verizon

Basking Ridge, NJ

I worked with Verizon to build various mobile proof-of-concept apps showing the possibilities of mobile advertising on their network.

Heroku • Ionic • Sinatra

Lead Full-Stack Developer

2013–2014

Arcadia Healthcare Solutions

Boston, MA

Arcadia is a cloud-based healthcare data platform.

We built a health care opt-out web app to comply with new industry regulations and I helped solve some tricky UI performance issues in their main app.

AngularJS • Chosen.js • Heroku • PostgreSQL • Ruby on Rails • Sinatra