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 Dev
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
Maris Consulting (formerly Syrinx Consulting)

2013–2024
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.

In 2016 I was made an associate partner and, in addition to hands-on development, began acting as a sales engineer, team lead, and project manager.

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

`Project Management • Proposal Writing • Sales Engineering • SoW • Tech Consulting`

Software Engineer
BeQuick Software

2013
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
MCNA Dental

2013
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
Freelance

2011–2013
Atlanta, GA

In 2011 I went back to freelancing, helping local businesses with web 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 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 implementation 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.

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

I redesigned 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 + database, custom reporting, and map visualization tools.

`Xamarin`

Principle Software Engineer   2020
See Yourself Health   Beverly, MA

See Yourself Health connects diabetics 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 the 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 their 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 a 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`