

Martin Amps

Software Engineer

<https://ma.rtin.so>

m@rtin.so

+1 (650) 649-8789

[linkedin.com/in/martinamps](https://www.linkedin.com/in/martinamps)

Technical Skills

Coding

Full Stack Generalist. Java, lua, PHP, JS, SQL. Proficient in Bash, C#. Hacking with C/++, x86 assembly and golang.

Operations

Extensive experience deploying and operating high availability infrastructure components such as openresty/nginx, caching layers, search engines, databases and more on native hardware and cloud environments. Operational confidence and observability typically derived from munin, nagios, graphite, datadog, etc.

Debugging

Pragmatic approach to identifying and solving problems quickly and efficiently. Extensive real world profiling and performance optimization experience and many years of oncall stories.

Experience

Twilio Inc. – Technical Lead

O-1 Visa | San Francisco | Dec. 2015 — Present

[AWS](#) [Java 8](#) [PHP 5.6](#) [lua](#) [chef](#) [lambda](#) [react](#) [Elasticsearch](#) [kafka](#) [MySQL](#) [openresty](#) [much more](#)

- Founded the Runtime team alongside an incredible Product Manager & Engineering Manager
- Repeatedly shipped flagship products at Twilio's Signal Conference such as Debugger, Functions & Assets
- Architected and drove successful launch of our SaaS Contact Center platform Flex
- Designed and implemented major parts of Twilio's Serverless stack

iCracked Inc. – CTO

O-1 Visa | Redwood Shores | Oct. 2012 — Dec. 2015

[Linux](#) [GIT](#) [MariaDB](#) [Redis](#) [PHP 5.6](#) [Hack](#) [Sphinx](#) [AWS](#) [Twilio](#) [Nagios](#) [Munin](#) [react](#)

- First Engineer on the team; At time of departure was responsible for 70% of written code
- Developed majority of internal tools and processes
- Architected, deployed, and managed entire infrastructure after undertaking rewrite of original codebase (inherited from an outsourced offshore team)
- Expanded team from 2 to 14, critical role in 3 rounds of funding, helped grow company internationally and into new verticals

Five Media Marketing Ltd. – Lead Engineer

Jan. 2011 — Oct. 2012

[Linux](#) [GIT](#) [nginx](#) [MySQL](#) [PHP 5](#) [CodeIgniter](#) [JavaScript](#) [jQuery](#) [CSS3](#) [HTML5](#)

- Led launch of a major cloud sharing platform redesign
- Simplified software stack and optimized deployment strategy
- General maintenance, security auditing / patching
- Worked on other services including an automated captcha solver (for our visually impaired users), a new image sharing platform, and an ad optimization platform
- Enhanced usability with drag & drop and copy & paste uploading

Travel Toro – CTO (then advisor)

Late 2010 — June 2017

[Linux](#) [GIT](#) [Apache](#) [MySQL](#) [PHP 5](#) [Memcached](#) [JavaScript](#) [jQuery](#) [Crawlers](#) [Scrapers](#)

- Took over from remote off-shore engineering team, completed initial development
- Built parsers & crawlers to automatically and efficiently replicate content from a plethora of affiliates
- Led transition from shared hosting to managing a series of larger environments
- Provided guidance to growing development team to design & build new features

Spooshi Inc. – Founding Engineer

Apr. 2010 — Sep. 2012

[Linux](#) [PHP](#) [MySQL](#) [C++](#) [winapi](#) [winsock](#) [x86 assembly](#)

- Created fully self-service app-store like subscription platform
- Built custom forums and payment processing system with extensive analytics
- After integration, developers inherited anti-debugging and protection from cracking and redistribution
- Allowed developers to publish metrics which were automatically graphed in their subscribers dashboards

Additional Projects

COVID Projects – Engineering

Mar. 2020 — Present

Various roles from founding engineer to contributor for multiple projects such as findcovidtesting.com, c19coalition.com, projectn95.com, schoolclosures.org and more.

ResistBot – Founding Engineer

Feb. 2017 — Present

Part of a team comprised entirely of volunteers where I helped built and maintain the bot which has generated more than \$1m in revenue for Twilio and helped over 6 million constituents locate polling stations, send millions of letters to Congress and more, in just three years!

BandTogetherBayArea.org – Frontend Engineering

Oct. 2017

Part of the tiger team who supplied communication needs and helped bolster ticket sales and donations for the organizations helping those in need following the bay area fires.