



*Kim Zick

Hi! I am a self-automated individual, with 16 years of general software development experience, around 7 of which are represented on [GitLab](#). I primarily design and build small web applications, system applications targeting the CLI, and have experience designing and building frontend UI.

I also really enjoy working with others to build amazing things, wear hats, write code, and chew bubble gum.

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GitLab: <https://gitlab.com/rummik>

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Tools I've Used

Languages: JavaScript (browsers¹⁵⁺, [Node.js](#)⁸⁺), shell (Zsh⁹⁺, Bash), PHP¹²⁺, SQL (MySQL¹⁰⁺, Postgres), JSON, Twig, [Swig](#), EJS, Savant3, CSS¹⁵⁺ (CSS3, Less, Stylus)

Markup Languages: Markdown (vanilla, GitHub), YAML, XML, HTML¹⁵⁺ (XHTML, HTML5⁸⁺), JSONML

Source Control: Git⁹⁺, Mercurial

Documentation: JSDoc⁶⁺, Doxygen

Testing: Travis CI, Circle CI, [Gulp](#), [Grunt](#)⁶⁺, Karma, [Mocha](#), [Dalek.js](#), [JSHint](#), Cucumber (Ruby), [Webdriver.io](#)

Libraries & Frameworks: Underscore, [Lodash](#), jQuery, [Zepto](#), [Dabble](#), Socket.io, Bootstrap, Slim, [Express](#), Propel, [Browserify](#), Angular⁴⁺, [VanillaJS](#)¹⁵⁺

HTTP Servers: Nginx⁸⁺ (with PHP-FPM), Apache 2

Database Servers: MySQL, Postgres, MongoDB, SQLite

Operating Systems: Linux¹³⁺ (Debian¹³⁺, Ubuntu¹¹⁺, CentOS, NixOS¹⁺)

Misc: [CloudFlare](#), [NPM](#), [Yarn](#), [Composer](#), [Antigen](#)

Employment

Software Engineer, Development Lead - Clarabyte (February 2016 → June 2018)

Lead a team of engineers through the process of developing new data security tools and asset management solutions for refurbishers.

Lead Technician - e360 Technologies (March 2015 → February 2016)

Developed new inventory management systems and hardware refurbishment/testing methods to streamline the refurbishment, recycling, and resale processes.

Software Engineer - UPMC TDC (May 2014 → November 2014)

Worked with a team of engineers to build a unique experience for medical professionals to navigate patient information.

Contributor - Gratipay (January 2013 → January 2015)

Primarily maintained and contributed to the JavaScript portions of the Gratipay codebase, including the grtp.co widgets, and JavaScript testing and build system.

Work Samples

Much of my recent work is available on [GitLab](#), and mirrored on [GitHub](#). What isn't listed here can be found on [my GitLab profile](#) by viewing [my public repositories](#).

Shellcast / TTY.tv - Easy TTY broadcasting (November 2013 → Present)

Shellcast broadcasts a terminal to a public (or private) URL, usually on tty.tv. The idea was to have something similar to twitch.tv, but for programmers, MUD/Mush games, and anything that runs on the CLI.

- » Tools: [Node.js](#), HTML5, CSS3, [Express](#), [Underscore](#), [Socket.io](#), [Swig](#), PTY.js, Term.js
- » <https://tty.tv>
- » <https://github.com/rummik/shellcast>

Telepathy - A telepathic password manager (September 2012 → Present)

I wanted a password manager that didn't store any information on a server, but still had the ability to retrieve the right password from any device.

Telepathy solves this by using a user-supplied generation seed, username, and domain name, then hashing (default is SHA256) and base converting the result.

It's also built with a responsive layout, and mobile webapp support. (It includes an icon used when being added to an Android/iOS homescreen, and looks pretty on small screens ☺)

- » Tools: [Node.js](#), jQuery, [Grunt](#), [JSHint](#), Karma, [Mocha](#), [Swig](#), [Stylus](#), HTML5, CSS3
- » <https://telepathy.pw>
- » <https://gitlab.com/chameleoid/telepathy>

9k1.us (October 2013)

The domain I use for email. It formerly used Express.js and ran on Heroku, but currently uses PHP and Slim. It also has a quirky paste/file upload + URL shortener (works privately), LMGTFY-like search, and lets you find your public IP.

- » Tools: PHP, JavaScript, Slim, Twig, HTML5, CSS3
- » <https://9k1.us>
- » <https://9k1.us/ip>
- » <https://9k1.us/search>
- » <https://github.com/rummik/9k1.us>