



*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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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

- » Development Lead - Clarabyte (February 2016 → June 2018)
- » Lead Technician - e360 Technologies (March 2015 → February 2016)
- » Software Engineer - UPMC Technology Development Center (May 2014 → November 2014)

Work Samples

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

Gratipay (January 2013 → April 2015)

Sustainable crowdfunding. I contributed JavaScript code, and API adjustments. I also set up Grunt, JSHint, and Webdriver.io, for lint testing JS, and handling integration tests.

- » Tools: [Node.js](#), [Grunt](#), [JSHint](#), [Webdriver.io](#), HTML5, CSS3
- » <https://github.com/gratipay/www.gratipay.com>

Gratipay Widgets (February 2013 → April 2015)

Started out as a tiny project so I could make my own Gratipay-related widgets easily, but was later moved into the Gratipay project.

- » Tools: [Node.js](#), [Grunt](#), [JSHint](#), [Dalek.js](#), HTML5
- » <https://github.com/gratipay/grtp.co>

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://github.com/rummik/telepathy-web>
- » <https://github.com/rummik/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>