

Zak Nitsch

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Full-Stack Web Developer (Remote)

About Me

Hi, my name is Zak and I'm a full-stack web developer with over 10 years of experience building for the web using a wide variety of tools and technologies. I have collaborated with a number of cross-functional teams leveraging my excellent ability to communicate to gain experience and leadership skills while sharing my expertise building, maintaining and deploying robust, well-tested feature-rich web applications.

I am most skilled in: React , TypeScript and Eating Burritos .

I am improving in: Go , k8s and Running .

Projects

ZedChat

zedlove.github.io/zedchat

This project was started in early 2023 to try using Svelte. It hasn't had much attention since then, so it's a bit rough around the edges.

Experience

Arctic Wolf

Networks

Software

Developer

April 2023 - Current

arcticwolf.com

Develop and maintain feature-rich, well-tested web applications supporting customer onboarding across stacks using Python, Go, and TypeScript.

HealthHub Patient Engagement Solutions Front End Web Developer March 2020 - February 2023 healthhubsolutions.ca	<p>Contributed to analysis, high-level design, implementation, code review, testing, automation, deployment and bug fixing for various web applications, tools and services using a stack comprised of multiple technologies, languages and frameworks, including React, TypeScript, Node, Postgres, Python, Ansible, Sentry and GitLab Pipelines. Baseline code quality, functionality and standards were ensured with eslint and Jest unit tests.</p>
	<p>As a main developer of a video calling application, amongst other product features, took codebase maintainance seriously, acting as a keen steward of internal and external software quality. Also contributed to promoting adoption and maintaining a shared eslint config, Renovate, Sentry and a custom-built component design system.</p>
Metal Full Stack Web Engineering Contractor January 2019 - June 2019 metal.com	<p>Contracted for full-stack web services including Clojure/ClojureScript work and JavaScript for an internal Photoshop Plugin. Joined a team of 3 other developers to continue development on an internal tool to manage the workflow for a composed photography process.</p>
	<p>Experience working with:</p> <ul style="list-style-type: none"> • Clojure/ClojureScript and various libraries (including leiningen build tool) • Postgres Databases with Flyway migrations • AWS infrastructure including S3, EC2, RDS and SQS
Macadamian Intermediate Software Developer November 2017 - December 2018 macadamian.com	<p>Joined several teams ranging in size from 5-10 engineers working on legacy projects and an internal product built with an array of technologies such as Knockout, TypeScript, Angular, node.js, robot testing framework, Python as well as git and gerrit for SCM</p>
Metal Junior Web Engineer November 2015 - September 2017 metal.com	<p>Learned ClojureScript and Om.Next (a wrapper around Facebook's React) to produce a mobile-first overhaul of an existing desktop-focused SPA.</p> <p>Experience working with:</p> <ul style="list-style-type: none"> • Clojure/ClojureScript and various libraries (including leiningen build tool) • Postgres Databases with Flyway migrations • AWS infrastructure including S3, EC2, RDS and SQS

Grip Limited	Completed various types of projects such as responsive HTML email campaigns, contest websites featuring simple JavaScript-based games (spot the differences, matching, etc.) as well as full site rebuilds.
Front End Developer	
December 2012 - August 2015	
griplimited.com	<ul style="list-style-type: none">• CSS written using SASS pre-compiler with custom animations controlled by JavaScript (jQuery)• interacted with many third-party APIs (Facebook, Twitter, YouTube, etc.)• used both SVN and Git version control system

Education

Humber College
Web Design, Development and Maintenance Certificate
2011 - 2012

Fanshawe College
Multimedia Design and Production
2008 - 2010

A Little More About Me

Alongside my interests in working with web technologies some of my other interests and hobbies are:

- Baseball
- Music
- Rubik's Cubes

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