

Steven Degutis

Full-stack Software Engineer

sdegutis.com

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Chicago suburbs

Profile

Full-stack software engineer with a decade of professional experience.

Skills

Languages

JavaScript
Swift
Objective-C
HTML5
CSS
Clojure

Frameworks

Node.js
Express.js
React
Vue.js
Sinatra
Compojure

Databases

PostgreSQL
NoSQL
MongoDB
Datomic
SQLite
Core Data

Platforms

Front-end
REST APIs
Electron
macOS
iOS
EC2

General

Communication
Problem solving
Taking initiative
Priotizing tasks
Pair-programming
TDD & BDD

Work History

Pen & Paper Software

2017 - present
Woodstock, IL

Full-stack Software Engineer

Created real-time web apps using WebSockets, Node.js, and Vue.js.
Created private paid social network using Apple Pay and Stripe.
Created iOS apps using UIKit, SpriteKit, auto-layout, and custom UIs.
Created portfolio & this resume with Node.js, YAML, HTML5, and LessCSS.

Clean Coders

2012 - 2017
Woodstock, IL

Full-stack Software Engineer / Director of Development

Migrated CleanCoders.com from Google App Engine to EC2 on AWS.
Migrated database from Google Datastore to MongoDB to Datomic.
Implemented back-end using Clojure, Compojure, Java, Datomic, and SQL.
Implemented front-end using Hiccup, HTML, CSS, and vanilla JavaScript.
Setup automated database backups and schema/data migrations.
Setup zero-downtime site upgrades using cron and aws-cli.
Setup deployment strategy to EC2 using Java & nginx.
Setup customer payments through PayPal IPN, PayPal REST, and Stripe.
Created internal reports using D3.js to inform business decisions.

8th Light

2010 - 2012
Chicago, IL

Full-stack Software Engineer

Maintained Sinatra & Rails web apps with JavaScript & jQuery.
Added features to internal Jekyll-based blog system.
Added features to internal Backbone-based task management system.
Created iOS app integrating with REST API.
Used Pair-Programming and TDD for increased Rapid Development.

Big Nerd Ranch

2010

Decatur, GA

iOS Software Engineer

Created and maintained several iOS apps.

Created an iPad app containing multiple WebViews.

Thoughtful Tree Software

2009 - 2010

Chicago, IL

Full-stack Software Engineer

Created macOS app "Docks" using Core Data and custom UI/UX aesthetic.

Docks named as a Staff Pick and featured app on Apple.com.

Docks named "Gem of the Year" by MacWorld Magazine, with a 4/5 rating.

Docks featured on Engadget with high praise for its user interface.

Created web store for Mac apps using PHP, MySQL, and eSellerate.

Acquired by Big Nerd Ranch.

Open-Source Highlights

github.com/sdegutis/mjolnir

Mjolnir is an automation tool for macOS, with an embedded Lua plugin system. Originally written to increase my own productivity, others also found it useful, so we collaborated to add features and evolve it into what it is today. The github project currently has 5,000 stars and continues to attract new users each week.

github.com/sdegutis/Leviathan

Leviathan is a full-fledged Clojure IDE that I wrote to increase my productivity while working on CleanCoders.com. I wrote a custom Clojure-like language for configuring it, and implemented all the UI from scratch including the Chrome-style tabs, split panels, and syntax highlighting.

github.com/sdegutis/hyperchat

HyperChat is a unique interactive web app which I wrote over the course of a few week nights, in order to learn Node.js, WebSockets, vanilla JavaScript, Vue.js, CSS3+, HTML5 semantic elements, and handling chronological events across multiple clients.

github.com/sdegutis/2048-javafx

2048 for JavaFx is my port of a fairly popular online game. I wrote this port in about a week, in order to teach myself Java 8 and all the best practices of writing good Java code. Prior to this project, I had no experience with the Java language, and had never used JavaFx before.

References

Available upon request.