Diego Salazar

VP Engineering at Kipu Systems

diego@greyrobot.com

Summary

Experienced software developer specializing in web applications and web services.

Specialties: Backend development, API design, Service Oriented Architecture, large scale web services, server
 administration.

Experience

Vice President of Engineering at   Kipu Systems

September 2013 - Present (3 years 2 months)

  Kipu Systems is a SAAS based medical software company specializing in EMR and lab integrations where
   I lead a team of software engineers and liaise with other departments and third parties. I am the goto
   senior engineer for programming help and questions for the team. I consult the CTO on software related
   challenges. I am a lead architect on software projects. I improve collaboration and planning by researching
   and applying appropriate tools and processes. I mentor junior engineers and conduct code reviews and pair
   programming sessions. I'm in charge of technical interviews and have a final say on hiring. I plan sprints,
   improve documentation and the onboarding process for new hires.

  Highlights:
  - Lead the growth of a team of 3 software engineers into a team of 20, meanwhile the company grew from
   dozens to hundreds of clinical facility clients.
  - Instituted team policies and software tools for collaboration, communication, and remote work.
  - Designed and built a high reliability asynchronous API architecture supporting millions of request per
   second
  - Lead hiring, code reviews, and mentoring efforts

Senior Software Engineer at   Octagon Commerce

October 2011 - August 2013 (1 year 11 months)

  Architected a fault tolerant service oriented architecture framework. Lead internal software projects and pair
   programmed through feature development. Developed and maintained user facing features as well as internal
   apps. Was on standby for
  emergency situations and successfully debugged and fixed live production code on multiple occasions.
   Improved and refactored legacy code and tests. Presented research projects to the team to evangelize state of
   the art techniques and paradigms.

Highlights:
- Designed and built a service oriented framework with asynchronous message passing and message delivery reliability.
- Tasked with frontend and backend engineering projects.

Founding Engineer at   US Self Storage Locator
2010 - October 2011 (1 year)

Architected an application framework from the ground up. Lead development of a new business. Created platform for admins, site owners, and users to efficiently search for and rent self storage units. Lead marketing efforts and provided direction on all matters of development and marketing in a startup environment. Setup office network with Active Directory and installed computes, a server, and backups.

HIghlights:
- Designed and built a SAAS platform for self storage marketing, search, and booking.

Founding Engineer at   Grey Robot, Inc.
January 2009 - March 2011 (2 years 3 months)

Started as a freelancer and then teamed up with my brother and a friend to develop apps for businesses. Provided website and web app development services to small businesses and professionals. Developed a customizable and themable open source CMS system for reuse in all web app projects. Mentored an intern through sales and client meetings. Executed marketing and sales responsibilities. Provided maintenance and support. Performed devops duties and automation.

Web Developer at   Rumbum, LLC
September 2009 - June 2010 (10 months)

Backend/Frontend Web Development.

IT Technician at   Port of Everglades
2007 - 2008 (1 year)

Developed a mobile app for tracking ingress and egress of truck drivers in the port yard as an improvement of a paper based workflow. Provided IT support for the administrative office in the port. Ran and installed ethernet cabling, solar powered WIFI access points in key location in the port yard, and troubleshooted computer and various device issues. Installed an asset management system and registered all office assets.

Systems Administrator at   LTC Global
May 2006 - August 2007 (1 year 4 months)

Install and maintain office network and workstations. Provide IT support to staff.

IT Field Technician at   Intechcenter

January 2005 - January 2006 (1 year 1 month)

   Technical Support, Consulting, Network/Systems Administration, Network Planning and Implementation. Built PCs and servers. Managed office IT responsibilities for multiple private and commercial clients.

Certifications

HTML/CSS, JS and SQL

TestDome   License qi5352v3un

Languages

English (Native or bilingual proficiency)

Spanish (Native or bilingual proficiency)

Projects

Smoothie Recipe Application

November 2013 to Present

Members:Diego Salazar, Katya Sarmiento

   I started this project at the Rails Girls South Florida workshop as a way to learn a new programming language. This application is made with Ruby & Javascript.

   The idea originally came from working at Tropical Smoothie Cafe. This application is to help new Tropical Smoothie employees learn and memorize the recipes through interactive levels. It is accessible to everyone right now, but in the future, when the actual recipes are added, it will be restricted to only Tropical Smoothie employees.

Conways Game of Life

September 2012 to Present

Members:Diego Salazar

   HTML5 Canvas implementation of Conway's Game of Life - Cellular Automata

Circle Waves

February 2014 to Present

Members:Diego Salazar

   Toy project to mess around with patterns.

Color Adjuster Library

April 2014 to Present

Members:Diego Salazar

   Ruby gem for getting brighter or darker hex values for a color.

Mac Dictionary Augmentor

November 2015 to Present

Members:Diego Salazar

   Augment your Mac's spell check dictionary with technical, medical, or a custom list of terms.

Skills & Expertise

Web Development
Web Applications
Web Design
Website Development
SEO
E-commerce
CSS
HTML
User Interface Design
Ruby on Rails
jQuery
JavaScript
WordPress
MySQL
SQL
HTML5
Web Services
PHP
Photoshop
HTML 5
User Experience
Ruby
Front-end
LAMP
Email Marketing
Web Analytics
Python
CSS3
CMS
Interaction Design
Service Oriented Architecture Design
APIs
Application Programming Interfaces
Search Engine Optimization (SEO)
Cascading Style Sheets (CSS)

Education

Palm Beach State College
AA, Engineering, 2007 - 2010

Interests

- Web technologies

- AI and machine learning

- Learning new things

- Riding motorcycles

- Playing guitar and writing music

- Mountain biking

Volunteer Experience

Instructor at   Wyncode

April 2016 - Present

Taught a class on building a web server with Ruby from scratch.

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Linked in ®

1 person has recommended Diego

"Diego was our Technical Support Technican who works well with his clients. He is very reliable and consistent."

— **Claudette R. Graham, MBA**, was Diego's client

Contact Diego on LinkedIn