

# Emily To Ramesh

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## Technical Skills

### Languages:

Perl  
Python  
JavaScript

### Databases:

MySQL  
MongoDB  
PostgreSQL

### Front-end:

HTML5  
CSS3  
jQuery  
AJAX  
Bootstrap

### Frameworks:

Angular.js  
Express.js  
Socket.io  
Ruby on Rails  
Flask

### Server:

Node.js  
Apache  
Nginx

### Development Tools:

Git  
Vim  
Sublime

### Methodologies:

OOP  
MVC  
RESTful Architecture

### Other:

Jira  
AWS  
Websphere MQ  
Memcached

## Software Developer

Software developer with 10+ years of experience in designing and implementing small to large scale projects. Completed a 14-week immersive web development bootcamp covering 3 full stacks (Python, Ruby, MEAN).

## Professional Experience

### **Second Opinion Health      Software Development Consultant      Nov 2017 - present**

- Built dashboard for coordinators to manage migraine study group, using Angular and Node.js. Modify Python automation script and Cloud Code to update daily migraine and activity data on Parse backend

### **Various, Inc.      Senior Web Developer      Apr 2008 - Apr 2016**

- Developed an internal messaging system towards a thread-based conversation using object-oriented Perl, MySQL, MQ system broker, and Memcached
- Designed and implemented the ambassador program to send messages to new members on behalf of premium members
- Refactored member search feature to reduce access time to database with millions of users
- Set up AB test to track conversions on members reading and replying to messages
- Implemented new design for album and video list pages, adding features for members to vote and comment on photos and videos on the mobile site

### **Cisco Systems, Inc.      IT Engineer      Oct 2000 - Apr 2008**

- Developed a tool which tracked the inventory and configuration of 8000+ servers in Cisco data centers around the world.
- Lead developer for a tool that measured security compliance in the IT hosting environment and provided email reports and a UI to monitor systems for the 100+ systems administrators.
- Automated the management of systems during downtimes and data center outages
- Scripted multiple Perl and Bash scripts to improve daily SA tasks

## Projects

**Hangman** | <http://hangman.emilyatwork.com>  
Classic hangman game built with Python Django

**MMH** | <http://mmh.emilyatwork.com>  
Social site for hiking enthusiasts to create, view, and review local hiking events using jQuery, Python, Google Maps API, Open Weather Map API and other technologies

**Dojo Ninjas** | <http://ninjas.emilyatwork.com>  
Final project demonstrating MEAN stack concepts, including chat room using Socket.io. Deployed on AWS EC2 running Nginx

## Education

**Coding Dojo** | San Jose, CA  
Full Stack Web Development Program | June 2016 - September 2016

**University of California, Davis** | Davis, CA  
B.S. in Computer Science | June 2000