

Karen Zapata

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Skills

JavaScript | React.js | Node.js | Express.js | MongoDB | Gatsby | Python3 | Ruby | RSpec | D3.js

Relevant Professional Experience

- 100Devs | Los Angeles, Software Engineer** 04/2021 – present
- Build full-stack applications for agency clients using MERN stack
 - Collaborate with a remote team to design products following MVC principles and TDD
- Hack Reactor | Los Angeles (remote), JavaScript Instructor** 09/2016 – 12/2016
- Led over 350 technical coaching 1:1 sessions on JavaScript fundamentals to prepare prospective applicants for admissions interview with 90% passing rate
 - Organized bi-weekly 30-minute Q&A sessions on topics such as recursion and data structures
- Capital Group | Los Angeles, Executive Assistant** 08/2014 – 06/2016
- Created app to streamline meeting scheduling process using JavaScript with Doodle API integration, saving company ~ \$78k annually and an average of 5 hrs/wk per Admin Assistant
- Arcoiris Records | Hollywood, Content Marketing Associate** 10/2013 – 06/2014
- Designed marketing emails using HTML & CSS for author events, increasing product revenue and attendance by ~ 10%
 - Managed inventory database of 100,000+ books to track \$200k in product revenue
- Cornell University (ILR School) | Ithaca, NY, Corporate Research Assistant** 08/2008 – 05/2009
- Used SPSS statistical software to streamline data collection of 300+ companies' ownership structure and finances, trained five research assistants to use research databases and SPSS
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Education

- The University of Chicago, Bachelor of Arts, Political Science** 2004 – 2008
Gates Millenium Scholar (full-tuition scholarship)
- Hack Reactor** 2016
Software Engineering immersive program
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Projects

- Hew JS (site), System converts raw data into professional data visualizations** 🌐
- Designed database schema with MongoDB to enable users to store data visualizations in user accounts
 - Constructed RESTful API endpoints with Node.js and Express to autosave client session information
- SwiftSrv (site), Restaurant suggestion tool that provides recommendations based on user's mood, arranges reservations and Uber ride** 🌐
- Enhanced legacy code base by transforming existing search page with interactive mood input using CSS3
 - Wrote 3X more queries for business information with Yelp API to help users make more informed decisions
- Through the Woods Therapy Center,**
Internal tool used to automate administrative and accounting processes for a therapy practice
- Utilized Nightmare.js (browser automation library) to streamline daily therapy billing audits, bi-weekly payroll audits, new client onboarding procedures, client metrics tracking, and income/expenses using Quickbooks API
- Smitten (code),**
Platform streamlines communication between partners by syncing calendars, online boards, and video-watching 🌐
- Parsed and graphed user generated notes with Synaptic.js neural network library and Charts.js, enabling users to track their own and their partner's moods
 - Created and styled the Google login page using JavaScript and Angular 2 to create a user-friendly experience
- Focus Locus (in progress), Task manager with a clean interface and secure login**
- Secured app with two-factor authentication using Microsoft Identity to utilize TOTP-supported accounts
 - Designed using MVC principles and MERN stack