ANDREW GROFF

Sr. Full Stack Developer at Rescue Agency

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EXPERIENCE

Sr. Full Stack Developer

Rescue Agency   📅 2007 - Ongoing   ⊙ San Diego, CA

In 10+ years with Rescue I advanced from an intern to a senior developer who leads our largest projects for our biggest clients, hires and mentors junior developers, and developed our most successful projects to date.

- Architected Angular front-end for This Free Life, our FDA sponsored campaign targeting LGBT young adults nation-wide.
- Successfully led development of $500K research project which was deemed a "gold standard" by the client.
- Developed "Cash Out on Dip" project which has the highest ratio of user engagement to hours billed of any development project.
- Wrote a CLI program powered by vagrant that distills local environment setup for 30 domains to a single command, reducing on-boarding costs.
- Developed and architected scalable social network for the fashion industry leveraging Memcached & MySQL.
- Architected and re-wrote Helix, a brandable activist management platform that sold 300% more subscriptions than its predecessor.

Javascript Developer

Reddcoin Ltd.   📅 2014   ⊙ Izmir, Turkey

- Modified and maintained an open source MEAN stack block explorer.
- Developed the first crypto currency wallet to run as a browser extension.

Regular Expression Consultant

Extrabux.com   📅 2012   ⊙ San Diego, CA

- Wrote and tested several hundred regular expressions to parse product categories and specifications from raw text.
- Offered full time position.

Programming Intern

Filmore Technology Group   📅 2009   ⊙ San Diego, CA

- Wrote an off-site backup system in Java utilizing Amazon's cloud storage.
- Wrote jQuery plugins to generate user interfaces using XSL.

STRENGTHS

💬 Written Communication

From my 2017 performance review: "In my 20 years working in technology, less than 10% of highly skilled technical resources have these types of communication skills."

📓 Quick Learner

When tasked with writing a crypto currency wallet in node, I browsed source code in python and read "Mastering Bitcoin." Within ten days I had the knowledge to complete the project.

✏️ Research & Technical Writing

Driven by curiosity, I read C++ source code, compared it to two white papers, and combined the knowledge into a well received blog that allowed non technical people to understand the benefits and intricacies of Reddcoin.

TECHNOLOGIES

Front-End

Angular   Vue   jQuery   Javascript
LESS   SASS   HTML5   Phaser

Back-End

Node   PHP   Laravel   Wordpress
Drupal   MySQL   DynamoDB

PERSONAL PROJECTS

Reddcoin Browser Wallet

Developed a chrome extension wallet that integrated with popular social networks to enable tipping any user on each site.

- First known browser extension crypto wallet

BitSurv Survey Platform

Created a developer focused survey platform to conduct online research.

- Implemented inheritance in JSON documents to allow developers to create surveys with minimal code repetition.
- Successfully deployed at Rescue to implement online quizzes with record efficiency.

PokemonQuestGuide.com

Reverse engineered Pokemon Quest's cooking system and deployed as a web interface.

- Attracted 15,000 unique users in the first 6 weeks

Flewent Browser Extension

Chrome extension for which translates portions of websites into a target language with a user-editable dictionary.

- Attracted 4,000 users in the first month of release

EDUCATION

B.A., Sociology

San Diego State University   GPA **3.49** / 4.00
📅 2006 - 2011