caleb severn

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EXPERIENCE

The Merna Law Group / *2014 - Present / Full Stack Developer, Consulting*
▪ Created a customizable and integrable CRM to facilitate legal processes between any organization and its clients, complete with real-time chat, email notifications, secure document management, and per-case progress tracking.
▪ Developed headless programs to automate such tasks as format-blind document merging using Bash and Python.
▪ Developed a service to generate valid, complex legal documents from data provided by users via a user-friendly web app.
▪ Led an online marketing campaign to increase client interest and retention, which correlated with a record 18% increase in client acquisition.

Capital One / *2015 / Summer Associate (Big Data & Security)*
▪ Developed a security application to enable column-level restrictions on files in a Hadoop cluster from a responsive web dashboard that abstracts the complexity of Big Data operations for non-technical users.
▪ Created an internal REST API for future access and data provisioning to downstream applications.
▪ Worked with Capital One Labs to develop features for Nessie, Capital One's for-students API using Node.js

Zairge Corporation / *2013 - 2015 / Co-founder, Lead Developer*
▪ Acted as lead designer and developer for the Zairge property management suite.
▪ Responsible for numerous GDS, eCommerce, and marketing integrations developed with Node.js, PHP, and XML
▪ Leveraged Agile methodologies to manage a small web and Android development team.
▪ Efforts helped drive the company from its inception to its 2015 acquisition.

The College of William and Mary / *2014 / Full Stack Developer, Contract*
▪ Researched for, designed, and developed an online recruiting system for the emerging field of experimental economics.
▪ Awarded a grant from the Charles Koch Foundation for development efforts.

Feedolu / *2014 / Full Stack Developer, Contract*
▪ Assisted in the development of numerous social media integrations for a real-time news and content system using Java, Spring, and AngularJS.

SKILLS

Languages	Web	Tools	Platforms
JavaScript, PHP, Python, Java, Bash, Ruby, C++, SQL, HTML	Node.js/Express.js, jQuery, CSS3/SCSS, AngularJS, Rails, MySQL, MongoDB	Jenkins, AWS, Vagrant, Docker, Hadoop, Hive, Spark, Sentry, Git, Mercurial, Eclipse, Android Studio	Apache, nginx, Android, Chromecast

PROJECTS

Boka
Created an Android application that allows users to scan/enter a book's ISBN, intelligently finds the most relevant magnet links online using a custom PHP API, and serves the top results directly to the user for 1-click downloading.

Flour
Developed an intuitive web interface to manage/modify SQL databases. The underlying library also facilitates rapid development by providing a central, language/host agnostic API.

SlowNet
Created an Android application and web service that allows users to access the Internet through a phone call by simulating a dial-up connection. Builds an aural representation of the bytes in a web page using Node.js and decodes them on the device's end using a Fast Fourier Transform. Does not require mobile data plan.

EDUCATION

Studied Computer Science at The College of William and Mary
CompTIA A+, Network+, Security+ certified (2011-2014)