

SAM RUBIN

FULL STACK SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

Deloitte Digital, Full Stack Software Engineer

2015-Present

- Work in close collaboration with Senior Leadership, Project and Product Managers, Visual Designers, UX Designers, Junior and Senior Software Engineers, and QA Engineers to develop and deliver responsive and progressive web applications for Federal clients
- Responsibilities include rapid prototyping of new application features, writing front-end and server-side code, building RESTful APIs, standing up relational and NoSQL databases, and standing up servers, AWS services, and CI/CD pipelines
- Selected amongst thousands of eligible practitioners to iteratively craft and execute Deloitte's new hire training program- reaching and impacting several thousand individuals in over three years

Project Spotlight #1: NIEM Movement, [beta.movement.niem.gov](#)

- Built an open-source Progressive Web App (PWA) for the National Information Exchange Model, allowing customers to search a dictionary of over 15,000 items and download the JSON schema for any subset of these elements, originally ingested from XSD format

CSS, Sass, Bootstrap, JavaScript (ES6), AngularJS, Node, Express, Apache Solr, XML/XSD/Xpath, Jenkins, AWS EC2, AWS IAM, AWS S3, Docker, Docker Registry, nginx, Bash Scripting, Karma/Jasmine, JSDoc, Grunt, Git, JIRA

Project Spotlight #2: Z-CAN Product Suite, [zcanpr.org](#)

- Built three web apps for the CDC Zika Contraception Access Network (Z-CAN), which allows users to search for nearby clinics, access several dozen pages of content, sort and filter over 200 FAQs, and allows clinic providers to securely upload patient forms into a HIPAA-compliant environment complete with login and authentication, PDF storage, form field parsing, and CSV download
- Impact: The apps led to over 10,000 in-clinic patient visits for the CDC, with 94% of visiting women obtaining a form of contraception

CSS, Sass, Bootstrap, JavaScript (ES6), AngularJS, Firebase, Google Maps API, Node, Express, MySQL, AWS EC2, AWS IAM, AWS S3, AWS RDS, AWS Cognito, nginx, Gulp, Webpack, Git, JIRA

Deloitte Consulting, Business Technology Analyst

2014-'15

- Rapidly prototyped and developed custom web solutions using Grails, MySQL, and JavaScript in an agile project environment
- Developed a data management application built on Rational Focal Point, innovating several processes not previously existing in documentation in efforts to improve performance and usability

Foot & Ankle Specialists of VA, Web Designer / Developer

2014

- Designed and developed responsive website for the practice, including an online appointment request form that automatically sends e-mail notifications to office front desk via Google Sheets, resulting in over 100 new patients in first year of website operation

SKILLS

CSS / Sass
Bootstrap
JavaScript (ES6)

jQuery
AngularJS
Karma / Jasmine

Node / Express
MongoDB
MySQL

Firebase
Jenkins
nginx

Apache Solr
AWS
Bash Scripting

Git
Gulp / Grunt
Webpack

EDUCATION



University of Virginia

B.S. Systems Engineering

Concentration: Computer Science

Minor: Business

Major GPA: 3.80/4.0

Cum GPA: 3.71/4.0

OPEN-SOURCE PROJECTS

samrubin.co Personal and professional web development blog and portfolio built with Jekyll and AMP

honeycombs.js jQuery plugin for producing a responsive grid of hexagons

dumprumpgame Parody HTML5 Canvas Game for the web