

Nathan McDowell
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Languages: NodeJS, AngularJS, SQL, Javascript, HTML5, PHP, SmartyPHP, MongoDB, Solr, Java, XML, AJAX, JSON, C#

OS: Linux (Centos/Debian) VirtualBox, Windows OS, Android OS

Technologies: Node.js, Socket.io, Angular.js, cakePHP, Bootstrap, ApacheZend Framework, Lithium Framework, JQuery, MelonJS, Unity Engine

Experience

Vitals.com

New York, NY / Lyndhurst, NJ

January 2013 - Present

Senior Software Engineer

- ☐ Serves as lead engineer for AngularJS based Vitalschoice provider finder platform.
- ☐ Develops modular front end logic with AngularJS, NodeJS, Socket.io, Bootstrap, HTML, and Javascript frameworks
- ☐ SQL, MongoDB and writes accommodating PHP application logic
- ☐ Works in Agile Scrum environment using Jira and Git version control
- ☐ Works closely with Project Managers, Technical Project Managers and mentors junior developers to create application requirements and execute the defined functionality

Toolbox #9

Atlanta, GA

May 2013 – Present

Consultant

- ☐ Architect for Wheedu.com social media application
- ☐ Lead developer for Cartoon Network's CN Sayin' moderation tool app

Freelance Consultant

May 2008 – Present

Web and Indie Game Developer

- ☐ Developed HTML5 / Javascript / Node.js / Socket.io online multiplayer framework
- ☐ Programmed AI and gameplay for Ajax / PHP online Football RPG
- ☐ Handled all phases of web development process - planning, SQL relational database design or MongoDB, wireframing, daily cron routines and other programming functionalities
- ☐ Expert-level HTML, HTML5, CSS and Javascript (including Ajax and libraries like jQuery), including semantic markup, as well as a great deal of experience with SEO (search engine optimization) and web-based user interface design

Education

B.A., Communication Studies (2008)

University of Tennessee - Knoxville