Kyle J Miller

Computer Scientist / Software Enthusiast

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EXPERIENCE

Indigenous Software, San Diego, CA/Remote — *Architect*

May 2014 - PRESENT

Technical lead for blended team of on and offshore engineers for a through channel marketing startup. Designed, developed, deployed, and debugged MEAN-stack application in AWS environment. Lead inventor on patent-pending method for identifying users across multiple devices and browsers. Wrote security middleware, on and off-site analytics APIs, email and payment services integrations, and blue-green deployment strategy.

CITYTECH, Columbus, OH — *Sr. Consultant*

August 2013 - May 2014

Worked on a small cross functional team using Adobe CQ5/AEM to build custom components for the Lowes.com retail website. I developed and tested full stack code to fulfill acceptance criteria and worked with QA and Systems Engineers to fully test, validate, and deploy our solution.

Inventrio, Columbus, OH — *Lead Software Engineer*

October 2010 - August 2013

Led a team of software engineers to develop grid services using Apache CXF in an OSGi architecture to support innovative healthcare solutions. As a technical lead, I filled the gaps between design and implementation by writing software, conducting code reviews, troubleshooting issues in local and production environments, and writing complete and thorough documentation.

NASA, Huntsville, AL — *Sr. Technical Consultant*

February 2008 - September 2010

Worked with Tibco Professional Services consultants to design and implement an enterprise integration layer for NASA's ESMD ICE program. We integrated over a dozen software systems spanning multiple groups and functionalities. Our team became known for success and were leveraged across the organization for assistance in all manner of web service development.

TECHNICAL SKILLS

AWS Cloud Services

Software Design

Full Stack Security

DevOps

SQL / NoSQL

TDD / CI / CD

Enterprise Application Integration

LANGUAGES / FRAMEWORKS

NodeJS, JavaScript, ExpressJS, NPM, Grunt

Java, JEE, JPA, OSGi

JMS, ActiveMQ, TIBCO EMS

Tomcat, ServiceMix, Karaf

Apache CXF, SOAP, REST

EDUCATION

Georgia Institute of Technology
M.S. Computer Science

Jan 2014 - May 2018

Buena Vista University
B.S. Comp Sci and Math

Aug 2001 - May 2005