

James Wilson Technologist, Polyglot Programmer

(678) 369-4522 • james@jameswilson.name

Summary

The teams I lead make new products, meet deadlines, and make money. In my varied career, I've learned over 20 programming languages, and tackled problems in markets as diverse as high finance, literary publishing, and audio recording. I am most motivated when inventing new solutions, and highly value my experience leading R&D teams. My ideal position would focus on developing a solution or product using blockchain that enables people with greater freedoms, such as through encryption, or with greater privacy, or provides a great service.

Skillset

Technologies

NodeJS
Truffle/Blockchain
Bitcoin
Python
HTML 5
XHTML
React
Backbone
KnockoutJS
CSS
JavaScript
jQuery
CoffeeScript

Java

PHP
SQL
XML
XSLT
JSON
REST

Mobile

jQuery Mobile
jQuery Mobile
Cordova
PhoneGap
PhoneGap Build

Methodologies

Agile Methodologies
Scrum
Planning Poker
User Stories
AJAX

Additional Skills

Blockchain
Product R&D
Web Applications
Web Development
Software Development
Continuous Integration
Open Source
Screen Scraping
Web Crawling
Optimizations
User Interface
Product Optimization
Web Scraping

Work Experience

June 2016 - March 2018 **Johnson Controls**

Consulting Web Developer, Cloud

- Architected, implemented complex and unique KnockoutJS, NodeJS based controls for enterprise level HVAC equipment and also enabled cloud access/administration to HVAC equipment, implementing both infrastructure as well as designing for edge cases.

Feb 2015 - May 2016

Wall Street Journal

Lead Developer for Online Storefront

- Develop secure solutions for maintaining the storefront of one of the most respected journals of finance in the world.
- Maintain a constant rolling development schedule, working primarily with NodeJS, HTML5, CSS3, Angular, Bower.

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Sep 2014 - Feb 2015

BookFuel

Search Engineer

- Created custom research tools for authors that scraped data and sales statistics unavailable via Amazon's API, and provided insight into reader behavior and successful marketing trends
- Developed innovative solutions, mainly employing NodeJS, Coffeescript, MongoDB, RabbitMQ
- Lead research and development efforts, provided guidance on improving numerous inefficient business processes, and planned future projects

Jan 2005 - Present

JamesWilson.name

Web Developer/R&D

- Designed and developed various applications, maintenance and enhancement for a variety of websites, custom web applications, and Google Wave development

Apr 2014 - Sep 2014

Freight Spoke

Contract Web Developer

- Created novel and highly usable and fast web application for sending packages.
- Created Coffeescript code generator for use inside of Freight Spoke, for mass adoption of shipping APIs

Mar 2014 - May 2014

Mimetic Markets

Contract Senior UI/Web Developer

- Developed a web application for high speed, high reliability, white label mission critical bitcoin exchange

Oct 2013 - Mar 2014

Sologic, LLC

Contract Web Developer

- Built a developed Root Cause Analysis tools using HTML, Livescript, Javascript, Stylus, Bootstrap, AngularJS, Grunt, .NET/C#

Jul 2013 - Oct 2013

Private party

Contract Web developer / Technologist

- Developed a web crawler automatic content acquisition engine using Javascript, Coffeescript, NodeJS, Meteor, MongoDB, Websockets, HTML5
- Researched, tested, and developed bitcoin mining pool software

Jan 2012 - Aug 2012

Bizzblizz

Web Developer

- Created tools to allow users to easily make their own online shopping mall
- Developed in NodeJS, Twitter Bootstrap, jQuery, & jQueryUI

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Aug 2011 - Oct 2011

Canonical Ltd.

Contract Senior UI Engineer

- Web development and UI leader for a cloud management web application using YUI, Python, Zope, Plone, Twisted, Node JS, PostgreSQL, EC2 with Eucalyptus, Bazaar, Ubuntu Linux

Feb 2011 - Aug 2011

Huawei

Contract Senior UI Engineer, Creative Solutions

- Created web front-ends for complex multi-tiered products such as a conference-call tool with augmented reality and location-aware audio recording & mixing, complex cloud aggregator products. JQuery, JQueryUI, Groovy, Java, Maven, Git

Feb 2010 - Feb 2011

Shoutlet

Senior Developer

- Managed several teams to create a drag and drop Facebook page creator, embeddable HTML5 podcast widgets, and more
- Created technologies for delivering content on every important platform

Oct 2009 - Aug 2010

Debatewise

Senior Google Wave Development Manager

- One of the first large scale, open source, Google Wave Projects
- Debatewise, in partnership with IDEA and the British Council, are organizing a series of online debates to coincide with the climate change conference which took place in Copenhagen
- Featured in numerous blogs & articles, including [The Guardian](#), [Google Wave Dev Blog](#), and [ReadWrite Blog](#)

Mar 2009 - Dec 2009

InterContinental Hotels Group

Java/J2EE/Spring/Flex/PHP/AJAX/Oracle Developer

- Delivered beautiful and highly functional complex Adobe Flex application that tied together data from many data sources to deliver a dashboard view for multiple user types
- Used Agile development on a PureMVC framework, Flex 3, and REST Java services on Oracle databases, managed with Subversion

Aug 2007 - Feb 2009

Vesdia

C#/AJAX/Oracle/Umbraco/Gentle.net Web Developer

- Managed, maintained, and developed for several heterogeneous, non-traditional ASP.NET websites, including: Citibank, SunTrust, Kroger, Hawaiian Airlines, and others
- Created “build scripts”, and evaluated and deployed multiple integration servers

Mar 2008 - Nov 2008

ICNews

C#/AJAX/Oracle/Umbraco/Gentle.net Web Developer

- Created white-labeled hyperlocal news delivery platform, in use by KRON amongst others

Honors & Awards

2009

- Created Google Wave Reddit & LinkedIn Group

2006

- Judged ASU Computer Olympiad programming competition

2005

- Judged ACTE programming competition

2002

- Won first place in ASU Computer Olympiad programming competition

2001

- Won first place in ACTE programming competition

*Work Experience prior to 2008 available upon request. References available upon request.