

Xavier D. Johnson

Security Researcher, Software Engineer, Devops Engineer

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Summary

Programming for me began in 2004 after getting a book on video game programming, it taught me the language "BASIC"; within that year I'd build a few games in my spare time after school and on weekends.

I fell in love with web development around 2006 when I received a computer from my uncle, that came with a copy of Dreamweaver; I take pride in being self taught!

I've acquired many different skill sets and programming languages over the past 14+ years, a few include: BASIC, C++, C, Objective-C, PHP, Node, Python, SQL, JavaScript, GoLang, Swift, React Native. In honor of staying in tune with the 'latest and greatest' I've taken the AWS Solutions Architect, AWS Developer and AWS DevOps Pro courses offered by aCloudGuru. I have worked on very large cloud problems and have been working in the cloud since 2012.

As of late I've worked actively in Enterprise AWS master accounts with thousands of sub accounts and VPCs with multiple subnets; building and running automation's that aim at this level of scale ins't out of the ordinary for a day to day task. Tools of choice for "ops" tasks include Docker and Ansible primarily with working experience in Cloudformation, Puppet, Chef and Terraform. I also use Jenkins and Travis CI for my CI/CD pipeline stack along with GIT. Zabbix, Datadog or Cloudwatch are primarily for my monitoring.

I am open to Sr. Software Engineering roles and DevOps engineer roles primarily using AWS.

Deploying code and watching things come to life rather it be a web app, iOS app, physical robot and infrastructure as code is what I most enjoy in life, software engineering was a hobby long before it was a career and I find it to be the lifestyle I live daily.

Currently enrolled in Penetration Testing with Kali Linux provided by Offensive Security, preparing for the OSCP exam.

Experience

Staff Software Engineer at GE Digital

June 2017 - January 2018

Defined the bot strategy in effort to pull out 6M over 6 months in spend/waste

Led the public External Public Cloud Team CI/CD pipeline project

Led the automation of the sole product offering from the External Public Cloud team in a SaaS/Self Service model

Defined and Implemented automated Q/A and functional testing of identity policies in AWS for all Public Cloud VPCs

Helped to retrofit the existing "Management Hosts" that offer the security and control plane for External Public Cloud Team

Cloud Engineer at GE Digital

March 2017 - June 2017

While in this position I focused on building tools that enhanced the accessibility of 1000's of AWS accounts and roles.

DevOps Engineer at General Motors

January 2016 - March 2017

Designed and managed an air-gapped LAN that replicated GM LAN/WAN and Verizon LTE infotainment WAN. Implemented Highly Available services within the LAN, developed solutions for side-loading applications on to IHU(head units). Developed test apps in Native Javascript to test IHU against GM Framework for app development on IHU. Vendors included iHeartRadio, Pandora Radio, The Weather Channel. Automated memory testing for IHU and helped implement the reporting components for live reports on software delivery and compatibility...

Founder at Infinite Development Solutions

January 2010 - March 2017

Made an successful exit as of March 2017.

Founder and Lead Engineer of Infinite Development Solutions.

I started this company in 2010 because I saw a need in the startup market. We had a itch to scratch, so we scratched it. Clients didn't understand the necessity of the internet, and having a consistent and current presence on it. So I educated clients while carving a lane in Detroit's small tech world.

Since then Detroit's tech scene has grown and so has Infinite Development Solutions

Software Engineer at Special Opts

November 2015 - February 2017

University of Buffalo contract doing some data science for reports and implementing code to help gather analytics for reporting. Official vendor for the State of New York.

Linux System Administrator at Lochbridge

January 2016 - April 2016

While on site at GM World Headquarters working on the On Star project, I am responsible for the planning, design, documentation, optimization, monitoring/alerting and auditing of our Linux data center and systems. This includes configuration of file systems, log files, processes, software, administration tools, utilities, and security.

CTO at Networkingout

April 2014 - September 2015

Web Developer

July 2012 - December 2013

While here I worked on some of the biggest OEM Manufactures and Fortune 500 companies, I led the operations of all projects while helping with the front-end development.

I worked primarily on the LAMP Stack, using the Amazon AWS platform for hosting and domain management. While here I did data entry, pixel perfect front-end development, strategy and brain storming new ideas, A/B testing and bug squashing, also educating clients on maintaing their websites.

Resident Hacker at Linkies

July 2012 - December 2013

At Linkies we change the way you consume the internet, while organizing and displaying it in various walls that are appealing to the eye and extremely functional in every browser. While there I did tons of Javascript to decode JSON, and front-end development.

Web Developer & Brand Manager

January 2009 - November 2012

While here I polished my web development and design techniques, as well as marketing strategy and event planning. When starting the campaigns they had no web presence, so we took that and made it top priority. I ranked the brand #1 in google, built 3 complete websites while leading marketing efforts as well as all brand relations.

Education

Offensive Security

OSCP, Penetration Testing, 2017 - 2018

Udemy

Mastering Go Programming, Computer Science, 2017 - 2017

Grand Circus

Mobile Dev Cert, Mobile Development, 2013 - 2013

Oakland Community College

Computer Science, 2010 - 2012

Southfield High School

High School Diploma, Engineering Academy, 2006 - 2010

Activities and Societies: F.I.R.S.T. Robotics, Innovative Vehicle Design, Tech Crew, Engineering Tech, Advanced Computer Aided Drafting.