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Brandon McNary

OSCP, Network+, Security+

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TECHNICAL SKILLS

Experienced: AngularJS, CSS3, Git, HTML5, Java, JavaScript, JSP, JQuery, Linux, MongoDB, SQL, Windows, Kali Linux, Metasploit, NMap, Chrome Tools, Internet Explorer, Nikto

Familiar: AWS, Bash, Grunt, Gulp, Jasmine, Mocha, Spring, Struts, Wireshark, XML, Burp, Python, Oracle, Cassandra

SOFTWARE ENGINEERING EXPERIENCE

Software Engineer II | MyVest - www.myvest.com   2016 - Present

MyVest is a portfolio management software platform that automates portfolio monitoring, tax optimization, rebalancing, trading, and asset allocation.

● Lead multiple projects through the application development life cycle ensuring on-time delivery with the highest quality

● Conducted a successful penetration test which discovered a critical Struts vulnerability then patched the vulnerability to protect the application.

● Resolve high priority, time sensitive, and complex environmental or application issues

● Create RESTful web services using both JAX-RS and AngularJS for CRUD operations

● Mentor junior developers and new hires through code review or one-on-one meetings to discuss anti-patterns

● Created over thirty step-by-step guides on topics such as accessing specific environments, advanced Linux operations, and configuration of coding environment

● Courses taken: OSCP, Network+, Security+

Software Engineer I | MyVest - www.myvest.com   2015

● Developed and maintained various components of the application using a combination of Java, JavaScript, Flex, Spring and Struts

● Learned several new languages/frameworks including Java, ActionScript, JSP, Struts, and XML to assist my team on development and release issues

● Instruct and mentor team members on key financial concepts and understanding the application

● Courses taken: Algorithms (ArsDigita), Discrete Mathematics (ArsDigita), Introduction to Java (Coursera)

Lead Software Engineer | WEXUS - www.wexusapp.net   2014 - 2015

Wexus is an online analytics platform which converts massive water and power data sets into actionable insights for farmers

● Migrated Parse database and queries to PostgreSQL and decreased overall application query time by 66.67%

● Conceptualized and built an API to derive cost and other cost related items from upload data sources including electricity (kWh), power (kW), and water

● Identified critical scalability issues and designed and implemented the proposed changes

● Modified the existing front-end authentication system and extended it to cover other internal portions of the application

● Codeschool courses taken: AngularJS I & II, BackBoneJS, Design Fundamentals, Express, JQuery, Mobile Design, NodeJS

FINANCE PROFESSIONAL EXPERIENCE

Financial Systems Manager | H.I.G. Capital - www.higcapital.com   2012 - 2014

H.I.G. Capital is a Private Equity fund with $20bn assets under management

● Constructed reports that supported the financial decision making of the CEO and other critical activities such as SEC audits, potential Mergers and Acquisitions, and Quarterly Reports for investors in the fund

● Analyzed and condensed massive historical data sets and built fund performance reports and metrics analysis for accounting and deal teams, and investors within the fund

● Created data analytics tools that would analyze accounting data as well as user metadata to look for trends, potential errors, and security issues

● Led over 20 full fund integrations into our system including project scoping, translating large data sets into useable reporting data, report building, and the test driven development of those reports and data

Project Manager | Citco Fund Services - www.citco.com   2010 - 2012

Citco Fund Services is a leading Private Equity fund administrator with approximately $862bn assets under administration

● Promoted four times in two years -- from Junior Analyst to Project Manager

● Analyzed millions of lines of historical accounting data and oversaw the transfer of over fifty funds' data into a SQL database

● Designed and built dynamic reports using large data sets for SEC auditing, financial decision making of each fund, and investors within those funds

EDUCATION

Hack Reactor | Advanced Software Engineering Immersion - www.hackreactor.com   2014
Indiana University Kelley School of Business   2010

Major in Finance, Minor in Spanish with Study Abroad in Barcelona, Spain

● Extensive study of the Spanish and Catalan cultures through classroom and host family experience