

KIRBY FLAKE

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OBJECTIVE

Army Veteran seeking a position that uses my skills, experience, education and ingenuity.

SKILLS

Development:

Scrum Master	OOP/SDLC/UML	Swing/Struts/Ant/Maven	C/C++/C#
Agile Development	Java//Kotlin/Scala	Hadoop/Hive/Big Data	Visual Studio/.net/ASP
DevOps/Chef/Puppet	Eclipse/JBoss/Wildfly	Spark/Ambari	Unity/JavaFX/OpenGL
Jenkins/Hudson	Netbeans/IntelliJ IDEA	Atlassian Administration	Golang/Python/Android
BASH/Ksh/PERL	Design Patterns	JIRA/Confluence	BASIC/Pascal

Web Development/Cloud:

Fullstack/Backend	PHP/Laravel/Lumen	JSON/XML/DOM	AWS/Azure/Google
J2EE/Java Beans	HTML/CSS/AJAX	SOAP/RESTful	Docker/Kubernetes
Spring/MVC/SpringBoot	Javascript/JQuery	Apache Tomcat	Cloud/Client/Server
JAXB/EE Web 6/7	Angular/React JS	Apache Server/LAMP	SaaS/PaaS/IaaS
JAX-WS/JAX-RS	NodeJS	Zoho/Sugar CRM	Microservices

Virtualization/Version Control:

VMware/GSX/ESXi	Hyper-V/Virtualbox	KVM/QEMU/Xen	CVS/SVN/Git
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Network/Cybersecurity:

Network Admin.	LAN/WAN/VPN/SAN	RSA/SSL/GPG	Cloud/Net Security
Anti-Virus/Malware	Azure/ADirect/LDAP	oAuth 2.0/1.0	RDP/VNC
Firewalls/Citrix	DNS/NAT/DHCP	Samba/SSH/sFTP	Digital Forensics

Quality Assurance:

Formal Testing	Release Management	Unit Testing	Coverity
Regression Testing	Black/White/Gray Box	Junit/Jmeter	Selenium

Databases:

Administration	Optimization	ORMs	Modeling
Oracle Database	Microsoft SQL Server	JDBC/Hibernate	PostgreSQL/PostGIS
PL/SQL	MySQL/MariaDB	Cassandra	MongoDB/No SQL

Operating Systems:

DOS & OS/2	Windows	Windows Server	Mac OS
Debian Linux	Ubuntu Linux	Kali Linux	UNIX
Red Hat Linux	Fedora Linux	Centos Linux	Android

Other Software Applications:

Mozilla Firefox	Internet Explorer	Microsoft Edge	Apple Safari
Google Chrome	Analytical Tools	Hex Workshop	Microsoft Office
3ds Max/Unreal	Blender/Sketchup	Adobe Acrobat	Adobe Photoshop

Interpersonal Skills:

Project Management	Communication	Organization	Problem Solving
Business Analysis	Collaboration	Adaptability	Analytical Analysis

CERTIFICATIONS

PSM	Information Assurance	PMP/Project+, in progress
ITIL Foundation	COBIT, in progress	Lean Six Sigma Green Belt, in progress

EXPERIENCE

Zen Gaian, Plano, TX Apr 2015 – Present

Co-Founder, Developer & Scrum Master

▪ Publishing	▪ Web/Cloud Development	▪ Web Design/Game Design
▪ Writing/Design	▪ Javascript/Angular	▪ Unity/JavaFX/OpenGL/Unreal
▪ Editing/Layout	▪ HTML/CSS/PHP	▪ 3ds Max/Blender/Sketchup
▪ Scrum Master	▪ Java/J2EE/JDBC	▪ Adobe Acrobat/Photoshop
▪ Project Management	▪ Spring/SpringBoot/Hibernate	▪ Git/Subversion
▪ IntelliJ IDEA/Netbeans	▪ Kotlin/Scala/Python	▪ Ubuntu/Redhat Linux
▪ Android Studio	▪ Docker/Microservices	▪ Windows 7/10
▪ Eclipse/JBoss/Wildfly	▪ Microsoft .net C++/C#/ASP	▪ Network Management
▪ VMware/Virtualbox	▪ Golang/BASH/Ksh	▪ DevOps/Chef/Puppet
▪ Unit/Regression Testing	▪ Hadoop/Hive/Big Data	▪ Jenkins/Hudson
▪ Selenium/JUnit/Jmeter	▪ Spark/Ambari/Cassandra	▪ Microsoft Office

Responsibilities include:

- Developer & Scrum Master on several interconnected projects.
- Working an online multiplayer space game using Big Data running on Hadoop cluster.

Dynamic Weather Solutions, Plano, TX Aug 2018 – May 2019

Senior Developer/Scrum Master

- HTML/CSS/PHP
- Javascript/Angular
- BASH
- MapBox
- Netbeans
- Virtualbox/KVM/Linode
- PostgreSQL/PostGIS
- MySQL
- Zoho
- Hadoop/Ambari/Cassandra
- Ubuntu Linux
- Windows 7/10
- Atlassian Administration
- JIRA/Confluence/Bitbucket
- Scrum Master
- Stride/Slack
- Microsoft Office including: Excel, Power Point, Word

Responsibilities included:

- Worked on both the front end and backend of a web-based Hail & Wind tracking software using HTML, CSS, PHP, Angular, PostgreSQL & PostGIS.
- Built and maintained VM Linux Ubuntu servers and a physical 32-core server.
- Atlassian administration including JIRA, Confluence & Bitbucket.
- Introduced the team to Scrum and acted as Scrum Master

Vergent Communications, Dallas, TX Sep 2016 – Aug 2017

Systems Developer

- Agile Development
- Java/J2EE/JDBC
- Swing/JAX-WS/EE Web 6/7
- SOAP/RESTful/JAX-RS
- XML/DOM/JSON/JAXB
- HTML/CSS
- Javascript/jQuery/Angular
- Two-Way SSL
- OAuth 2.0
- RDP/VNC
- Unit Testing/JUnit
- Netbeans
- Java Servlets
- Multi-Threaded
- VMware/Virtualbox
- MySQL/Data Modeling
- ORMs/Hibernate
- ConnectWise/Helpstar
- LabTec/ScreenConnect
- Firewall/Citrix
- Apache Web Server/HTTPS
- Apache Tomcat Server
- Oracle Glassfish Server
- Linux/Ubuntu/Centos
- Windows 10/Mac
- Office 2013/2016/365
- Android/Kindle
- PBX/VoIP
- Zoho CRM
- Sugar CRM

Responsibilities included:

- Lead Developer on a small team that reported directly to the CEO. The project was a service availability program (servlet) written in J2EE that runs on an Apache Tomcat server that uses a MySQL database. The stakeholders redesigned it 3 times. The program queries different vendors using SOAP or RESTful requests.
- Developed a product price web program
- Developed a two-way help desk ticket system
- Evaluated and optimized several business systems
- Built and maintained both physical and virtual machine Linux Ubuntu servers

COPsync, Inc., Dallas, TX Apr 2016 – Jul 2016

Test Engineer (Quality Assurance)

- Regression Test Writing
- Regression Testing
- Issue Specific Test Writing
- Issue Specific Testing
- JIRA
- Zephyr
- Cloudberry/Azure
- VMware Development
- Windows 7, 8, 8.1, 10
- Microsoft SQL Server
- Microsoft Office including: 365, Excel, Outlook, Word

Responsibilities included:

- Wrote and ran regression test procedures for an in-car recording system.

Eye Level Learning Center, Plano, TX Feb 2016 – Jan 2017

Math Teacher

Responsibilities included:

- Taught math to students ages 4 to 14.

The Realtime Group, Plano, TX May 2013 – Nov 2014

Software Technologist

- Software Design
- Software Development
- Visual Studio 2005/2008/2012
- Agile Development
- Netbeans & Eclipse IDEs
- Version Control: CVS, SVN
- Quality Assurance
- Release Management
- Formal Testing
- Network Support
- Java/J2EE
- Microsoft .net
- BASH scripts
- C/C++/C#
- Embedded
- Python
- ARM Development
- HTML/CSS
- Desktop Support
- Network Security/Firewall
- Symantec Security
- Red Hat, Ubuntu Linux
- Microsoft Windows XP/7/8/8.1
- Microsoft Server 2008/2012
- Microsoft Active Directory/LDAP
- Microsoft SQL Server 2012
- Microsoft Hyper-V

- Regression Testing
- MySQL
- SQLite
- Javascript
- VMware
- Word Press
- Microsoft Office including: 365, Word, Excel, Access, Outlook, Project, Power Point & Visio

Responsibilities included:

- A position in a smaller size company, where I got to wear many hats including developing on several projects, conducting formal testing, support of the development environment (DevOps), IT support, and website development.
- Project programming in medical device in Python
- Project programming embedded CMOS in C
- Project programming UI for medical device in Microsoft .Net C# WPF
- Project programming UI for medical device in Java
- Project decoding of medical device in C
- Project formal testing of medical web-based program
- Project formal testing of batteries of medical device that preform to required specification
- Project formal testing of security system
- Project regression testing of audio/video recording system
- Support of Word Press website including Javascript/HTML/CSS
- Release manager which included formal testing of project before release and arranged getting the patch/release of software to customers
- Creation and management of Virtual Machines using both VMware and Hyper-V
- Desktop/Network Support which included support of installation software, troubleshooting software and hardware issues, network issues, server support which included backups, Active Directory, and file sharing.

Volt @ TriQuint Semiconductor, Inc., Richardson, TX Jun 2012 – May 2013

Engineering Intern

- Desktop Support
- Trouble Ticket System
- UNIX Server Support
- Datacenter
- Clean room
- Network Support
- Citrix
- Voice over IP Support
- Cisco Switches
- LAN/5S Cable Management
- MS SQL Server
- Windows XP/7/Server
- Microsoft Office including: Word, Excel, Access, Outlook, Project, Power Point, & Visio

Responsibilities included:

- Desktop and Network Support using a Trouble Ticket System supporting users with Microsoft Office and AutoCAD.
- Assisted Network Engineer in a Datacenter with Cabling, Routers, Switches, and UNIX Servers
- Position extended beyond the usual summer internship, so I could do 5S cable management for the computer stations there were located in the company's clean rooms.

EDUCATION

The University of Texas at Dallas, Richardson, Texas

Bachelor of Science in Computer Science & Software Engineering, May 2013

North Lake College, Irving, Texas

Associates of Science Emphasis Mathematics, August 2010

U.S. Army, Fort Sill, Oklahoma

Radar Repair Course, March 1998 (Graduated 1st in Class)