Corbett Martin - cworkscode@gmail.com - 817.550.3525

Objective

To apply my unique blend of tech, leadership and talent in helping people and companies implement software solutions that exceed expectations.

Key Qualifications

- Accomplished Software Architect and Developer with considerable experience in numerous aspects of software development
- Detail oriented with exceptional leadership, analytical, collaborative and communication skills
- Self motivated with a desire to contribute to organizational objectives, principles and goals by helping others and by problem solving in creative and effective ways

Professional Summary

Job	Experience	Technology	Experience
Chief Architect	1 year	Java/J2EE	15 years
Software Architect	6 years	RDBMS & SQL	12 years
Software Lead and Manager	6 years	Web Development	7 years
Software Development	17 years	Big Data & NoSQL	4 years

Professional Experience

Apptricity (2015 - present) – Los Colinas, Texas

Chief Architect:

- Set the technical direction for our financial and logistics application platforms across all tiers, from the database, to the server, client and mobile software.
- Work closely with the CTO, internal staff and clients to understand both the business problems and the technical solution.
- Strategically lead efforts to design and implement next generation SaaS platform.
- Architect secure mobile REST API for international asset tracking system.
- Solve problems and lead by example.
- Code with the team.

    Core Technologies: Java, Spring, AngularJS, SQL (Oracle, SQLServer) and MongoDB
    Edge Technologies: AmazonWS, MS Azure, FlywayDB, Spring Boot, Docker and VertxIO

cworks-inc. (2014 - present) – Fort Worth, Texas

Owner:

- Wow (Women of Worthiness), conference registration application – Work with stakeholders to develop requirements and capture business requirements. Designed and implemented registration app using HTML5, Bootstrap, AngularJS with Java Server and MongoDB database. Integrated with PayPal using PayPal Java SDK, deployed on Amazon Web Services (EC2, R53).
- Fantasy Draft application for Data Paradigm – Couchbase database consultant, assist development team with administering Couchbase Server cluster, View and Index design, Query optimization, and JSON Document modeling, implemented live stats feed using Stats.com API.
- Protivity, Claims Processing proposal – Assist with proposal effort for an enterprise pharmacy claims processing platform. Proposal focus areas: eDW to Data Mart architecture, data-feed on-boarding process, data de-identification processes, audit-trail outline, advise on maintainable HIPAA security processes and procedures.

PDX Inc. (2007 - 2015) – Fort Worth Texas

Enterprise Software Architect (06-2011 to 04-2015): Responsible for overall architecture and technical direction of enterprise healthcare services, pharmacy applications and the development communities health.

- Enterprise Architect for a pharmacy system and support services, which includes an online claim reconciliation platform, an NCPDP provider database, and a BI/Data Services platform implemented in Hadoop and SybaseIQ.
- Directly involved in design, implementation and support of HA Weblogic Application Server clusters.
- Support Software Development team with day-to-day development tasks.
- Technology leader that successfully introduced and implemented Hadoop cluster to support Operational systems and Business Intelligence products.
- Mentor and educate development community by hosting online and in-person Tech Topics about patterns, techniques, platforms and frameworks. Maintain a presence in the community at large by blogging and participating in Meet-up groups.
- Active in leading technology re-fresh projects which include major database and server upgrades, code project and library upgrades, architecting Continuous Integration pipelines with Git, Gradle, Jenkins and Artifactory.
- Participate in software governance and adoption activities, outline standards and educate development community.
- Work closely with customers and business to understand future and current needs.
- Participate in compiling the Technical Volume for RFIs and Proposals.
- Involved in Research and Development aspects of the business, which include assessing the applicability of new technology such as NoSQL, Cloud Platforms, new programming languages and techniques.

- Responsible for maintaining HIPAA compliance and SOC certifications, involved heavily in ensuring our services, network and data are secured.
- Promote and maintain interface consistency across various internal and external services.
- Support corporate roadmaps, goals and direction of CIO and Chief Architect.

Core Technologies: Java, J2EE, Weblogic, Spring, JavaScript, SQL (Oracle, SybaseIQ),
Edge Technologies: Hadoop Ecosystem, MongoDB, VertxIO

Software Development Manager (12-2009 to 06-2011) : Manage developers, process and the technical development of enterprise healthcare software services.

- Managed development for an online Pharmacy Claim Reconciliation service and Electronic Data Interchange (EDI) services.
- Key contributor in implementing SCRUM based agile development process on AR project
- Managed project schedules, priorities, milestones, tasking and retrospectives for engineering teams.
- Managed development team, worked closely with staff to set goals, conduct performance evaluations, including salary adjustments and promotions.
- Mentor both development and operational staff on learning new systems and processes.
- Work with internal stakeholders, external customers and partners to ensure technical solution meets requirements.
- Heavily involved in the architecture, design, implementation and release of new and existing systems, ranging from web-based customer facing applications to back-end ETL processing systems, using technologies such as: Java, J2EE, HTML5, JavaScript, Weblogic, Oracle, Sybase and, JasperReports.
- Provide support and defect management for production applications in a 24X7 environment in order to maintain optimal system availability.

Core Technologies: Java, J2EE, Weblogic, SQL, HTML5, JavaScript, and JasperReports

Software Engineering Lead (06-2008 to 12-2009): Software Lead responsible for designing, implementing and supporting an Enterprise Pharmacy System and a suite of Pharmacy support services.

- Software lead responsible for assisting and mentoring development staff in understanding requirements, formulating and implementing solutions in Java.
- Worked closely with Product Owners to ensure priorities are being addressed.
- Performed the role of SCRUM master during sprint cycles.
- Assisted developers in solving technical problems and conducted code reviews.
- Maintain project builds and CI pipeline, including managing production deployments.
- Assist Performance Team in solving performance issues as needed.
- Work closely with support staff to diagnose customer issues and enter defects.

Core Technologies: Java, SOAP, XML/XSD, SQL, Hibernate, Git, Jenkins, and DynaTrace

Senior Software Engineer (01-2007 to 06-2008): Senior Software Engineer responsible for implementing several core software services such as a web-based Pharmacy Mail Order System, Claims Processing Platform, Product Registration Service and a Medical Document Management platform.

- Helped implemented companies first Mail-Order Pharmacy System.
- Upgraded a legacy Claims Processing Platform to Java/J2EE/Sybase stack and migrated all customers onto new system.
- Implemented Java adapters for healthcare and financial EDI (EDI-835 & 837)
- Worked with project lead and manager to ensure health of sprints.
- Lead stand-up meetings, conduct code reviews and work with colleagues to build solutions.
- Mentor colleagues both in QA and Development.

    Core Technologies: Java, J2EE, HTML, JavaScript, CSS, SVN, Maven, and Jenkins

SAIC (2005 – 2007) – Dallas, TX

Senior Software Engineer:

- Senior developer on Target Contacts and Tracks sub-system (TCT) for DoD aircraft.
- Implement simulations and tracking algorithms in C, Java and Ada 95.
- Work closely with prime contractor to ensure contractual requirements are met.
- Participated in engineering design reviews and coordinate efforts of 5 Software Engineers during implementation sprints.
- Responsible for reporting status and quality metrics to internal management.
- Assist and support field engineers in troubleshooting test flights.
- DoD-S, Clearance

Core Technologies and Tools: Java, C, C++, Ada 95, Oracle, JBoss, and Subversion

Raytheon-IIS (2004 to 2005) – Garland, TX

Software Engineer:

- Worked with System Engineers and Program Management to author Technical Volume for CLEO program proposal.
- Design, implement and hosted CLEO proposal demo to customer, which exhibited remote sensing capabilities of a satellite cluster.
- Principal Software Engineer for the S&T department on the Synthetic Vision for Cloud Removal IRAD. Demonstrated capability to effectively remove cloud cover from remote sensor feeds.
- Worked with S&T department to develop and refine Image Processing Algorithms.

- Software Developer on Satellite Mensuration Toolkit (SMSTK) program, which is used to take geo measurements from remote sensing data.
- Implemented NITF (National Image Transition Format) reader and writer in Java.
- TS/SCI Clearance, 10 year SSBI: 07/22/04

Core Technologies: Java, C/C++, UML, MySQL, Oracle, ArcGIS, Image Processing

G-Systems, Inc. (2003 to 2004) – Plano, TX

Software Developer

- Design, implement, validate and install custom Test applications for defense, telecommunications and semiconductor industries.
- Developer on F-35 Vehicle Systems Integration Facility (VSIF) Data Acquisition System.
- Responsible for project code quality, optimization and customer acceptance testing.
- Project database developer: designed conceptual data models, data access layer components, and automated database tools using C/C#, T-SQL and SQL Server 2000.
- Produce required project documentation: domain, entity-relationship, object, and behavioral models using UML.
- Worked with System Engineers to install VSIF onsite at Lockheed Martin Aeronautics.

Core Technologies: LabVIEW, C/C++, C#, T-SQL, SQL Server 2000 and Visio

Corning Cable Systems (1998 to 2003) – Keller, TX

Test and Measurement Engineer

- Designed, implemented and validated automated test and measurement applications for Fiber Optic manufacturing and product development environments.
- Implemented Scatter Test and Measurement system for fiber optic attenuators in C and LabVIEW
- Implemented test recipes for Coordinate Measurement Machines to drive automated inspection of Fiber Optic cable and equipment in Java.

Core Technologies: LabVIEW, C/C++, Java and MySQL

Education

- Southern Methodist University   Candidate for MS in Computer Science

- University of Texas at Arlington (3.4)   Bachelors of Science in Computer Science

- Tarrant County College (3.7)   Associates of Microelectronics Technology

Technical Skills

Programming Languages

Java, Groovy, C/C++

PHP, Python, Bash & Z-Shell

HTML5, JavaScript, CSS3

SQL, PL-SQL, T-SQL

App & Web Servers

Weblogic 9-12c, Tomcat and JBoss Wildfly

Apache HTTP, Nginx, Jetty, Vertx.IO

Relational Databases

Oracle 10-12c, MSSQL, Sybase, MySQL, SQLite

BIG Data Platforms

Hadoop (Cloudera and HortonWorks)

MapReduce, HDFS, HBase

Flume, Sqoop, Hive, Impala, ZooKeeper

Lucene, ElasticSearch & LogStash

Cloud Platforms & Virtualization

AWS, EC2, S3, DynamoDB, Route53

VMWare, Virtual Box, Docker

DigitalOcean and MS Azure

Techniques and Patterns

Service Oriented Architectures

RESTful API Design

Design Patterns

    Strategy, Singleton, Builder, Factory

    Adapter, Decorator

DRY (don't repeat yourself)

YAGNI (you ain't gonna need it)

Frameworks

Spring Framework, Spring-Boot

Enterprise Java, Servlets, JSP, JSF, EJB3, JMS

JPA, Hibernate, JOOQ and FlywayDB

JUnit, DBUnit, Easy Mock

Ehcache and Hazelcast

Twitter Bootstrap and Foundation

AngularJS, Backbone and jQuery

NodeJS

NoSQL Databases

MongoDB, Couchbase Server, Cassandra

Operating Systems

Linux, UNIX and AIX

Mac OSX and Windows

Development & CM Tools

Git, BitBucket, GitHub and Subversion

Apache Ant, Maven, Gradle

JIRA Agile, HipChat, Rally, SharePoint

JenkinsCI and Artifactory

Microsoft Dynamics CRM, SalesForce

IDEs & Editors

IDEA IntelliJ, Eclipse, WebStorm, DataGrip

Atom, Sublime Text and VIM