James Lebonitte   Eckerd College
Tampa, FL   BS Computer Science
813-442-1302   jlebonitte@gmail.com

PROFESSIONAL EXPERIENCE

Nielsen   4/13 to Present
Sr. Technology Manager (Hands On)

Lead all aspects of development on the Watch CTO Application Development Platforms. This platform encompasses Java Web Application Architecture/Libraries, NodeJS Architecture/Libraries, Front-End JavaScript Architecture/Libraries, High Performance In-Memory Computation Engines, Micro Services, DevOps/CI/CD, Automated Hybrid On-Prem/Cloud Architecture (AWS and Azure), Docker/Docker Swarm Container Orchestration, Proprietary BI Tools, etc.

There are over 30 client-facing products built on this architecture being used by 100 plus developers across the various Watch CTO delivery teams. I directly manage/mentor around 20 team members as well as work daily with our different delivery teams utilizing the platform mentoring developers and architecting solutions based on requirements across Product Leadership and senior level executives.

Team Highlights

- Lead the design, architecture and implementation of a new reporting engine based on Apache Spark, Alluxio, Amazon EMR and S3 that queries terabytes of data and returns complex aggregations / calculations in seconds.
- Successfully migrated the platform from an on premise enterprise style deployment to a fully automated, modern, micro-service/docker based architecture that was deployed on both AWS and Azure
- Migrated the platform to a modern NodeJS/Single Page Application based UI architecture allowing for rapid UI development as well as utilization of modern JS frameworks (e.g. Handlebars, ECMA6, Express, etc.)
- Updated our Jenkins CI system to a master-multi slave, geographically dispersed architecture allowing us to support Docker, CI Pipelines, Cloud Deployment, Code Analysis, etc. across all the delivery teams via configuration
- Successful implementation of Custom Analytics tool which includes custom dashboard construction, proprietary BI tool style pivot engine, real-time metric calculations, and big-data exports

Alta5
CTO   1/16 to 5/16

Alta5 is an automated stock trading platform that allows Fintech developers to code their own trading bots and exchange algorithms on a fully managed platform that links with personal brokerage accounts. The stack was fully built in Javascript; utilizing ExtJS, NodeJS and WebSockets while using Redis and MongoDB as a streaming/processing solution. We would run analysis on a symbol every stock tick utilizing historical data as well as current day tick data. We also experimented / evaluated multiple cloud providers in this time including Joyent and SoftLayer. I lead the initial implementation of our infrastructure / data streaming provider as well as helped migrate the product to support a distributed application environment. I was also responsible for the hiring of software engineers and helping build out our SDLC processes along with negotiation of our purchasing options with multiple cloud and data streaming providers.

NetDirector   5/10 to 4/13
Sr. Software Engineer

Technologies
Java, Oracle, Flex, Struts, EJBs upgraded (2.x to 3), XSLT, XML, VBScript, Jboss, Weblogic, Apache, Oracle, Eclipse, SVN, Trac, iMacros, VBS, Quartz, Apache Jersey, iMacros, SVN

The Daily Hundred   11/12 to 1/13
Sr. Software Engineer
http://www.dailyhundred.com

Technologies
Sencha Touch, Javascript, Objective-c, Java, HTML5, Ant, MongoDB, Python, MySQL

Lebonitte Web Development   St. Petersburg, FL   1/09 to Present
Owner
http://www.lebwebdevelopment.com
Software consulting business where I worked with a wide variety of technologies / industries. We focused on small businesses and startup companies.

Technologies
iPhone App Development, Android App Development, PHP, Ajax, JavaScript, W3C Valid HTML, CSS, MySQL, Mercurial, SVN, Wordpress Development, Spring MVC, Linodes, CentOS, JQuery

Tyler Retail Systems   Clearwater, FL   9/08 to 5/10
Java Developer

Technologies
Java, PostgreSQL, Hibernate, Java Swing, Jide, Junit, Vaadin, JBOSS, Tomcat, Apache, SVN, Spring, Eclipse, Jasper Reports, JasperETL, MySQL, PHP, JSP, Bugzilla, CentOS, RedHat, VMware, VirtualBox, Apache CXF, Web Services

Snapdragon Medical   5/08 to 9/08
Java Developer

Technologies
Java, MySQL, JBOSS Cache/Clustering, Freemarker, JSON, AJAX, ExtJSs3, JasperETL, ACEGI, LDAP, JUnit

Jacobs Technology @ US Geological Survey   Tampa, FL   1/06 to 5/08
Applications Assistant I/Computer Scientist (contract)

Main project was the development of the NASA EAARL (Experimental Advanced Airborne Research LiDAR) data processing software. The software would take differential GPS files along with the results from the LiDAR laser scan results and form elevation point clouds allowing the researchers to map land, coast lines, and bathymetry.