

LATEEF JACKSON

96 Cabarrus Avenue West, Concord NC 28025 USA
Phone: 704.835.0112 Email: lateef.jackson@gmail.com
Blog: <http://blog.hackingthought.com/>
Linkedin: <http://www.linkedin.com/in/lateefjackson>

PROFESSIONAL SUMMARY

A technology manager specializing in web application development. Management experience in the convergence of the business and technology sides of a company to optimize growth and product quality. Experience in online advertising, web and mobile application development, geopositioning data, and information delivery based on real-time physical location of the end-user. Excellent interpersonal and communication skills with a desire to develop web and mobile-based software applications in a team environment.

RECENT PROJECTS

Open Source:

- [goriak](#) - I created this to interface the Go (golang) programming language with the [Riak](#) database. (work in progress)
- [twitterstream](#) - Go implementation of the Twitter Streaming API. I added the [Twitter user streaming](#) support
- [Tornado](#) - Link to my fork of the Non blocking IO / Async web server that is my favorite Python web server.
- [fawps](#) - Low level very fast Python web server that I worked on some of the C wrapper when it was integrated with libevent
- [Frisky](#) - Non blocking IO / Async web server I wrote to experiment web server performance

Social Analytics:

- Gather data from a user Twitter account
- Basic reporting interface for users to track marketing efforts

Multimedia Site:

- Integrate multiple sources for audio, video and image content (Yahoo Music, Youtube, Soundcloud, Picasa and Flickr)
- YUI Ajax frontend hooked into custom mutiplatform event system
- Turbogears (Python) with CouchDB for storage

Zooshi.appspot.com:

- Online game
- Ajax (Jquery)
- Appengine (Python)
- Custom cross language event system (Java, Python, Javascript and Flash)

Google Android:

- Walkscore Widget is an Android phone application and home screen widget that

- integrates walkscore.com API onto Android mobile phone.
- Creation of a platform for Google's Android mobile phone application. The platform, found at www.WerUAt.com, lets web developers easily publish their geopositioning data on Android-supported cell phones. Cell phone users will be able to choose from the available applications and activate the ones they are interested in.
- Use of Pylons and Google maps for web site and Android phone for mobile platform.

Kingdom Realty:

- Development of a website that integrates information from the following sources: Carolina Multiple Listing Service (MLS) and two Charlotte-based foreclosure data-feeds. The website automatically displays on a map the new listings and foreclosures. Created an algorithm to automatically calculate the 'best deals' as compared to the tax value and recent sales trend of surrounding properties.

PROFESSIONAL EXPERIENCE

Company: SocialServe.com Charlotte, NC 2008-Present

Title: Software Developer

Project: Medical Referral System

Implementation: Referral system designed to make homeless medical referrals efficient and traceable. Design and implement work flow interface using YUI.

Company: Adstreams.com Charlotte, NC 2007-2008

Title: Technology Consultant / Partner

Project: AdBlender

Implementation: Management and development of a solution for online publishers that aggregates online video and banner remnant ad inventory.

Project: Advertising model for online games

Implementation: Development and growth of reward-based online games in an adverage model.

Company: Five Oaks Capital Partners Charlotte, NC 2006-2007

Title: Technology Partner

Project: Egolf.com

Implementation: Technological and business analysis of potential website implementations for the domain name Egolf.com. Partnered with several businesses including a sports radio talk show, a training facility, golf resorts and a sports event marketing firm to create an all-inclusive golf experience.

Project: SchoolWorld.com

Implementation: Evaluation of the technology platform existing at a recent business acquisition (SchoolWorld). Recommendation of several changes to the website and to current business and technology practices.

Project: Acquisition of a biodiesel bus company.
Implementation: Research and evaluation of the potential purchase of a company in New Zealand that manufactures biodiesel engines for public transportation systems.

Company: Wachovia Corporation Charlotte, NC 2004-2006

Title: Software Consultant

Project: Implement a data warehousing solution.

Implementation: Used Java to transform data from existing Foreign Exchange Sybase schema to newly created Investment Banking MSSQL schema. Worked with Finance, Foreign Exchange, and Marketing departments to verify validity of integrated data.

Project: Create Java service infrastructure.

Implementation: Using JBoss and MBeans(Management Beans), developed programming components for Java applications that use emailing, paging, and logging. This allowed for distributed components to access common services maintained in a single location.

Project: Improve and maintain sales management system.

Implementation: Improved, organized, and added to contact management system of the Investment Banking sales department using WebLogic and Sybase.

Project: Develop program to recognize and calculate commissions on unusual transactions.

Implementation: Implemented complex business rules in Java to produce data used to calculate the commissions due for large foreign exchange transactions.

Company: SocialServe.com Charlotte, NC 2001-2004

Title: System Architect

Project: Design and implement portal for Non-Profit agencies.

Implementation: Used existing server setup with PHP and Postgresql. Developed simple transaction management process for PHP web applications.

Project: Design and implement solution for online housing search engine.

Implementation: Analyzed available frameworks and decided to use J2EE, EJB, JBoss and JPublish as MVC web framework. Installed and maintained RedHat 7.3 with Apache, PHP, JBoss and Postgresql. Configured optimal JBoss cache engine and designed new customized caching system.

Project: Design and implement call management system.

Implementation: Created a J2EE, EJB, JBoss and Jython web application to manage phone calls and emails to landlords.

Project: Develop Linux build system using Python, Cheetah, LDAP, and shell scripts.

Implementation: Used Python, Cheetah and Postgresql to develop a simple RDBMS web interface. This allowed for extremely fast application development.

Project: Develop HTML/PDF reporting system.

Implementation: Used XML, XSL, and Python to generate PDF documents and sales reports. Generate sales reports in XML and use XSL to convert them into HML or PDF.

Project: Create an Oracle 9.x build system.

Implementation: Developed build system with SuSE 9.0 that would automatically install, configure and import data from an old server to a new Oracle server. Developed shell scripts to import data and template tablespaces so configuration files were platform independent.

Project: Create .NET API for sales reporting.

Implementation: Created library of objects to centralize code in report development using VB.NET and MSSQL. Used VB.NET to connect to MSSQL and used Access databases to retrieve sales information.

Project: Design and develop customer relationship management and documentation system.

Implementation: Using mod_python and Postgresql, developed website to track technical documentation, billing information and customer information. This system allows customers to login, request service and view documentation, allows for internal technical employees to submit and store technical information about the customer's networks, and provides internal company staff ability to generate sales reports and other relevant customer information.

EDUCATION

1995-2001 UNC Charlotte Charlotte, NC
B.S. Computer Science

LANGUAGES

English and Spanish