

FRANK S. KIM

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Overview

Founder of my own software consulting company specializing in personalization and commerce web applications on the [ATG](#) J2EE platform. Looking to join a successful growing company that is a leader both in its technology and its work environment.

Experience

betweenGo

President

April 2004 - present

- Founded an Internet-based solutions consulting company, specializing in internet solutions specializing in [Ruby on Rails](#) and [ATG](#) enabled solutions.
- Current/Past clients:
 - UPromise
 - Lead Developer for [Online Mall Portal](#) (OLM).
 - Technical Lead of [UPromise.com](#) ATG Personalization development.
 - Developed OLM modules for displaying video, personalized content, specials, merchants, etc.
 - Designed activation flow framework, an extensible registration workflow engine.
 - Merged ATG's auto-login framework with UPromise's login framework.
 - ATG 2006.3 and JBoss 4.0.4 GA.
 - Perry Ellis Direct
 - Director of Engineering
 - Led the team that launched [OriginalPenguin.com](#) on 6/18/2006.
 - Responsible for checkout, promotions, gift certificates, inventory, order fulfillment, returns, account creation, profile management.
 - Did service and maintenance for [OriginalPenguin.com](#) after its launch, doing the QA, release engineering, and customer service.
 - Architected framework for [PerryEllis.com](#).
 - ATG 7.1 and ATG DAS 6.3.
 - Offered permanent position as Director of Engineering.
 - HomePortfolio.com
 - Designed partner site system for allowing easy deployment of partner sites using [HomePortfolio.com](#)'s catalog.
 - Designed flat URL system for catalog navigating.
 - Optimized text search engine by building a cache of expected search queries.
 - Built a servlet filter for flattening URL's for search engine optimization.
 - Added numerous enhancements to the Online Showrooms including Promotions Management feature.
 - Designed Local Search feature.
 - ATG 4.5.1.
 - Offered permanent position.
 - A&E Store.com
 - Designed Multiple Shipping Groups support.
 - Implemented Store Points payment system.
 - Created gateway for integrating LinkShare with [AETV store](#).
 - Launched [Rollergirls store](#) as a reskinning of the existing AETV store.
 - Migrated AETV.com's e-commerce site from ATG 5.1.1 on Oracle 8i to ATG 6.3.0 on Oracle 9i.

- Resolved database migration issues, fulfillment issues, scenario issues, orders and profiles rollback, etc.
 - ATG 6.3.0.
 - CasualMale.com
 - Did Shop.com PDI integration which allows [Casual Male](#) products to be sold on [Shop.com](#).
 - Designed and implemented Product Bundles.
 - Implemented precaching of selected SKU's and other performance improvements.
 - ATG 6.4.0.
 - Procter & Gamble Supplier Portal
 - Architected, designed, and implemented an Integrated Registration Framework.
 - Architected and designed an Alerts Framework.
 - ATG.com
 - Implemented related ads and articles feature, targeted ads, JHTML as JSP workaround, and other enhancements for new web site running on ATG 6.2.0.
 - NFLShop.com
 - Implemented Java thread pool using Doug Lea's concurrent library for Web Services client.
 - Implemented scheduled services for resubmitting pending catalog requests, pending registrations, and contingent orders as well as updating product image availabilities.
 - Implemented service for querying inventory either on ATG or via web services to SIGMA. Filtered out-of-stock products using Endeca.
 - Implemented "You Might Also Like" feature.
 - Modified cart functionality to distinguish customizable products.
 - Fixed various bugs in profile creation and modification, shipping and billing of orders.
 - Offered permanent position.
 - Bell Canada
 - Implemented community portal.
 - RobinMiller.net
 - Maintained and enhanced website using HTML and CSS.
- Created an Internet dating website, [MeetingKoreans.com](#), using [Ruby on Rails](#) as the platform.

Art Technology Group

July 1999 – April 2004

Software Engineer

- Created WebSphere Member Repository implementation which used the ATG Profile Repository.
- Maintained ATG's Scenario Server (rules based customer interaction management server) and implemented scenario conflict detection.
- Developed JSP/Servlet application that interfaces with ATG's new Generic Repository Loader.
 - Worked with J2EE team to pass the [J2EE Compatibility Test Suite \(CTS\)](#) for J2EE 1.3.
 - Implemented many fixes, mostly in ATG's EJB implementation.
 - Ported ATG's J2EE CTS test harness to Windows using Python.
- Developed and maintained the Dynamo Connection Modules, connectors that talk between commercial HTTP servers (Apache, IIS, Sun ONE) and Dynamo Application Servers using Dynamo's own protocol over TCP/IP.
 - Added support for different OS's such as Linux and different platforms, such as Apache with mod_ssl.
 - Upgraded IIS connection module from Beta level to production level by rewriting it in C++ to take advantage of exceptions and STL, plugging memory leaks, fixing architectural issues, etc.
 - Added support for SSL and client certificates.
 - Maintained ATG's Dynamo Application Server.
 - Fixed bugs and did minor performance improvements.
 - Implemented WML and JWML support.
- Developed and maintained the Dynamo Administration Server.
 - Maintained the Dynamo Connection Module installer.
 - Added the application logs browsing feature.

NetCentric Corporation

February 1996 - July 1999

Senior Software Engineer

- Member of server team that was responsible for developing new features, fixing bugs, etc.
- Developed prototype for next version of the FaxStorm web client. Additional features included uploading documents via HTTP.
- Created a version of the FaxStorm SDK that uses the Microsoft WinInet library as the transportation layer instead of company's internal transportation layer.
- Developed fax broadcast engine.
- Developed font and image interface libraries.
- Ported FaxStorm SDK to Macintosh OS.

Education

Massachusetts Institute of Technology

Department of Electrical Engineering and Computer Science

- Master of Science Degree, February 1994
- Bachelor of Science Degree, June 1991
- GPA: 4.8/5.0
- Teaching Assistant (6.004 Computation Structures, 6.002 Circuits and Electronics) and Head Teaching Assistant (6.004 Computation Structures)
- GRE: 800 Analytical 800 Quantitative 620 Verbal
- SAT: 770 Math 680 Verbal
- Tau Beta Pi and Eta Kappa Nu academic honor societies member

Computer Skills

- Programming languages: Java, C/C++, Ruby, Python, HTML, PHP, JSP, JSTL, JHTML, Maven, Ant
- Operating systems: Windows, Linux, Mac OS X
- Application servers: ATG, JBoss, Ruby on Rails
- Tools: Eclipse

Background

- U.S. Citizen
- Member of [GrX Church](#)
- Intercollegiate Freshman Crew Team, Junior Varsity Soccer Team

References

- Tak-Sang Chan, Vice President of Engineering, UPromise, (617) 454-6655, tchan@upromise.com
- Guy Morazain, Managing Consultant, ATG, (519) 835-4461, guy@morazain.com
- Jeff Vroom, Software Architect, Adobe, (415) 806-2551, jeff@jvroom.com
- Doug Lethin, Senior Software Engineer, Intuit, (781) 839-1539, doug_lethin@intuit.com
- Norris Boyd, Tech Lead / Manager, Google, (617) 401-2837, norris@google.com
- Robert DeMillo, CTO, Third Screen Media, (617) 230-1698, demillo@uberdogs.com