MIKE SARIS
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SELECTED SKILLS & INTERESTS
Recent Technologies: Java, SQL (Sybase, DB2), UNIX shell scripting, JIRA, XML, AutoSys, Apache Tomcat, IntelliJ IDEA, SVN, Ant, FitNesse, TeamCity, proprietary functional language called Slang/SecDB, proprietary XML/Java-based ORM framework called Mithra
Prior Technologies: JavaScript, HTML, CSS, JSP/Servlets, Struts, Signavio BPM, Apache HTTP Server, CVS, C, Perl, SharePoint, Hibernate ORM, Eclipse IDE, XSLT, XPath, C++, VBA, CAML, Selenium, Haskell, MATLAB, MS Project
Key Interests: User Experience (UX), Agile/Scrum, Behavior/Test Driven Development (BDD/TDD), Software Development Lifecycle (SDLC)

EXPERIENCE
Goldman Sachs, Federation Technology, Jersey City, NJ   Summer 2005, July 2006 – July 2014
Vice President (Controllers Technology) January 2013 – July 2014
- Led and performed User Research, UI redesign and project planning to replace a legacy Java Swing UI with a more usable and intuitive web-based UI with workflow for 700+ users (I resigned just as implementation started)
  - UI redesign and project plan were approved by both senior technology leadership and key users
- Oversaw junior team member's redesign, effort estimation and project planning to replace a legacy system's C/Perl batch jobs and Java back end with new or improved Java-based implementations to be relied upon by 1000+ users
  - Design, estimates and project plan were approved by senior technology leadership
  - Plans maintained or improved integration with ~5 upstream and downstream systems
  - Redesign included improved in-memory cache architecture to extend uptime from <24 hours a day to 24x6
- Managed 2 junior team members and developed alongside them to extend functionality of a Java, Sybase, shell script and XML based system relied upon by 1000+ users, used Agile/Scrum techniques to manage the project
  - Project completed on time and left the department in position to decommission a legacy system
  - Performed extensive data analysis using SQL and Excel to help users finalize requirements
  - Improved integration capabilities with ~5 downstream systems
- Served on User Experience (UX) Working Group as UX expert and advisor for entire department globally
  - Increased UX awareness within department's 200+ people across 6 locations
  - Advised 3 projects on techniques for User Research and/or UI prototyping
  - Defined requirements for how the firm's proprietary UI framework should support User Preferences
  - Performed broad-based User Research across all of the department's user groups to assess feasibility of a dashboard system that would create an integrated workflow across the department's 3-5 largest systems
  - Received training on workflow/business process modeling (BPM) using Signavio
- Mentored a Senior Technology Analyst/Associate from another team
- Administered JIRA instance for entire department globally serving 200+ employees across 6 locations
  - Minimized downtime ensuring developers, support staff and project managers across the globe could depend on JIRA to commit code, push releases and manage projects
  - Provided support to US employees including problem resolution and coordination of plugin installations
  - Increased coworkers' awareness of JIRA's support for Agile/Scrum project management techniques
- Coordinated college recruiting and interviewing for department's 2 US locations
  - Department hired 30+ summer interns and converted ~75% of them to full-time during 2 years as coordinator
- Served on University of Pennsylvania Technology Recruiting team for all departments within the division
  - Screened 100-200 student candidates each year, resulting in the hiring of 15-25 summer interns and 10-20 full-time hires from Penn each year
  - Worked with a professor to add a guest lecture from a senior Goldman Sachs technologist to his Software Design and Engineering course

Senior Technology Analyst/Associate (Controllers Technology) January 2010 – January 2013
- Led as senior developer and Scrum master for the design and build out of a new back end system that had to make millions of data transformations per day using Java, Sybase, shell script and XML
  - Completed project ahead of regulatory deadline with system able to make ~1 million data transformations per hour and an API to allow integration with any interested downstream systems

- o Learned the firm's proprietary functional language (Slang/SecDB) in a short period of time, releasing production code to integrate with 3 upstream systems within 2-3 months
  - o Performed extensive data analysis using SQL and Excel to help users finalize requirements
- Implemented enhancements/bug fixes and later managed the build out of a proprietary Java-based reporting suite that had to consolidate data across 200+ Sybase and DB2 databases containing terabytes/TBs of data
  - o Advanced from junior developer to project manager during 2 years on the project
  - o Used Agile/Scrum techniques involving both users and developers to define requirements and successfully implement the reporting suite's final set of features/enhancements
  - o Improved performance and usability gained from the final set of features allowed closure of the project after 2 prior attempts led to more enhancement request and continuation of the project
  - o Trained users to get the most out of the high degree of customization the reporting suite allowed
- Provided production/user support for the firm's Java-based profit & loss sub ledger system with 700+ users globally
  - o Required knowledge of complex DDL across 200+ Sybase databases running 200+ simultaneous instances of a batch stream with both real-time and nightly components
  - o Required knowledge of ~20 Java Swing windows used for querying/reporting and performing data analysis
  - o Required knowledge of workflow and integration points with dozens of upstream and downstream systems
  - o Researched and closed 1-10 tickets per week submitted by users and upstream/downstream systems
  - o Trained global team of 75+ coworkers across 5 locations to support any issues related to prior projects/work

Technology Analyst (Compliance Technology) July 2006 – January 2010
- Gathered requirements, designed and implemented enhancements for a Java/Struts web-based system with thousands of users
  - o Most significant enhancement added a UI for integration with 2 new data sources ensuring compliance with a new regulation ahead of a federal deadline
- Gathered requirements, designed and implemented 3 small web-based systems from the ground up including infrastructure, database/DDL, business logic and UI using SharePoint, Java, Tomcat, AutoSys and/or DB2
  - o Each system garnered minimal to zero user/production support
  - o Oversaw development by a consultant on all 3 projects
- Enhanced, maintained and supported 2 web-based systems with dozens of users built on Java, JSP/Servlets and Sybase/DB2
  - o Most significant enhancements extended data entry and reporting capabilities
  - o Oversaw conversion of databases from Sybase to DB2
- Worked with senior managers and peers to revise and reinforce software development best practices like TDD and continuous integration for the entire team of 35+ developers located in NY/NJ and India
  - o Resulted in adoption of Hudson Continuous Integration server, mandatory code reviews and training on Behavior Driven Development (BDD)
- Coordinated infrastructure and deployment activities across the entire team of 35+ developers and 20+ systems
  - o Forecasted team's CPU, memory and storage needs to ensure cost-effective hardware purchasing
  - o Improved control by enhancing a custom script-based deployment/migration tool and enforcing its usage
- Served on department's FitNesse Steering Committee
- Served on division's Business Analyst Skills Exchange Committee

Summer Technology Analyst (Compliance Technology) Summer 2005
- Identified previously unknown bug within a batch job and led its redevelopment

EDUCATION
University of Pennsylvania School of Engineering and Applied Science, Philadelphia, PA
Bachelor of Science in Engineering, Computer Science and Engineering, May 2006
GPA 3.72/4.00 (Magna cum Laude)
Additional 6 elective courses in Economics and Management at Wharton

HOBBIES
Baseball/Softball - Player on softball and baseball teams for the past 7 years
Travel - Completed both round-the-world and cross-country trips from July 2014 – November 2014
Hiking - Favorite trails include Niederhorn-Beatenberg in Switzerland and Angel's Landing in Zion National Park
Philadelphia Sports - Planner and organizer for all family and friends' tailgates for Eagles and Phillies games