

Ari B. Goldstein, Esq.

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PROFESSIONAL SUMMARY

Software Development Expert with two decades of professional experience in all aspects of software production, including analysis, design, implementation, and management of complex applications for top corporations.

- Analysis, development, and design of critical business applications and systems
- Product supervision and leadership
- Proven experience delivering projects on time while exceeding requirements

KEY COMPETENCIES

- Java Architecture
- Business and Systems Analysis
- Streamlining Business Processes
- User Interface Design
- Java Technologies and Frameworks
- DevOps and CI/CD
- User Experience and Ease-of-Use
- Data Modeling and Design

TECHNICAL SKILLS

Operating Systems: Windows, DOS, UNIX, Solaris, Mac

Java-Related Technologies: Java, CDI, JSF, JSP, Servlets, Applets, JNDI, JNI, EJB, Java Web Start, JMS, Java Application Servers (Websphere, BEA Weblogic, JBoss, Wildfly), Web Servers (Tomcat), J2EE, Swing, AWT, Collections, JAR files, JDBC, RMI, RMI/IIOP

Languages: Groovy, Python, XML, JSON, YAML, XSLT, CSS, SQL, WSDL, PHP, C, C++, Perl, MySQL, HTML, Visual Basic, UML, JQuery, Javascript/ECMAScript 6

Applications: CI/CD (Jenkins/Hudson, CruiseControl), LDAP/Active Directory, Database (Oracle, SQL Server, Mongo); VCS (Git, CVS, Subversion, AccuRev), IDE (NetBeans, Eclipse, IntelliJ, JBuilder, Symantec Visual Café, Together/J), Imaging: (Photoshop, Flash)

Other Technologies: Docker, OOA/OOD, OOP, Client/Server development, Ivy, CSG, ICOMS, ANT, PrimeFaces, Blue Martini, Spring, Hibernate, Struts, Velocity, SOAP, CGI, ODBC, HTTP, Sockets, AJAX, DWR, Web Services, RDBMS, Xstream, Barcode4J, Log4J, Endeca, Scene7, BazaarVoice, Foresee, CoreMetrics, Ansible, React, Selenium

PROFESSIONAL EXPERIENCE

■ 6/2009 – present **Charter Communications** Charlotte, NC
(Time Warner Cable, acquired May 2017)

Charter Communications (NASDAQ: CHTR) is the second-largest cable operator in the U.S, and employs more than 92,000 people. Charter offers video, high-speed data and voice services over its broadband cable systems to more than 26 million residential and commercial customers across 41 states and sells a variety of national, regional and local advertising.

Senior Technical Analyst Senior Software Engineer

- Performed every role in the development process of the CRM solution, including PM, BA, TA, Dev, and DevOps.
- Performed technical analysis for all major CRM solution initiatives including fraud detection (which saved \$11 million/yr) and customer issue tracking and diagnostic systems replacement (which saved \$7 million/yr).
- Reduced the time for building the CRM solution from 2 hours to 5 minutes.
- Worked across teams, levels and departments to gather and analyze enterprise-level data structures
- Assessed floor operations to analyze workflow and create requirements for a systems replacement initiative.
- Contributed innovative architectural ideas that drove cross-team strategies.
- Created a smart caching proxy to save millions of dollars on calls to the CSG billing system.
- Created a portal for teams and support to see the status and attributes of deployments with server granularity.
- Created a full-featured Active Directory browser which synthesized the view across all acquired companies.
- Created an application allowing management to view and control releases and deployments across the new enterprise framework.
- Created REST APIs for operations against a Mongo database holding startup and deployment parameters for Gateway products.
- Created Docker containers which exactly replicate the deployment environment for local development and testing.
- Wrote an Ansible plugin in Python to generate LDAP group reports for user licensing.
- Automated the continuous build and deployment workflow for many enterprise-level applications.

TECHNOLOGIES: Jenkins/Hudson, Ivy, PrimeFaces, JSF, CDI, CSG, ICOMS, Active Directory, ANT, Eclipse, Hudson, Javascript, Java, XML, Ansible, Python, Mongo, Docker, Selenium, React, ECMAScript 6, Groovy

■ 3/2009 – 4/2009 **Xpient** Charlotte, NC

XPIENT Solutions provides market-leading Point-of-Sale, Back Office, and Enterprise Management technologies designed to address the unique operational needs of the Quick Service, Fast Casual, Family and Casual Dining restaurant segments. It is installed on over 93,000 terminals at 25,000 restaurants.

Contractor

- Provided expertise, design recommendations, and assistance on a project involving pushing a newly-acquired POS system to market for a major player in the restaurant-software industry; the product is targeted for worldwide distribution.

TECHNOLOGIES: AccuRev, ANT, IntelliJ, JDBC, Swing, Tomcat, XML

■ 7/2007 – 2/2009 **Belk, Inc.** Charlotte, NC

Belk is the largest privately held department store chain in the United States. The company has over 315 stores and 18,000 employees in 19 states throughout the Southeast, and generates up to \$4 billion in annual sales. I performed the roles of systems analyst and Java development expert for the company's relaunch of their e-commerce website, which currently offers 140,000 items for sale, and garners 1.5 million page views and 70,000 unique viewers per day. Conservative projections estimate the first year of sales from Belk.com at \$16M, up 600% from the previous version of the website.

Senior Systems Analyst -- Java Development Expert

- Architected the in-store bridal registry kiosk application. Authored all design documents addressing functional and business requirements for stakeholder buy-off as well as technical specification documents for developer implementation. The front end was done in JSP/CSS/JavaScript/JQuery, the back end in Java and Blue Martini with an Oracle 10g database.

- Created estimates and presentations to advise upper management about projected service level agreements for the uptime of Belk.com.
- Eliminated infrastructure monitoring and other costs by researching, recommending and implementing the adoption of superior freeware and best-of-breed open-source software whenever practical.
- Led other developers and functioned as the company's top Java expert.
- Created and standardized a common format for application project structure.
- Was responsible for tool recommendations, including the version control system, integrated development environment, continuous integration software, and various java libraries used in the project.
- Introduced continuous integration techniques to improve the reliability, currency, and unification of the codebase, and the availability of distributables. I set up an automatic build process upon CVS check-in, and sent alert notifications to relevant developers upon build failure.
- Authored documents establishing team coding standards and continuous integration best practices, improving maintainability and developer efficiency.
- Was responsible for intranet monitoring solutions to continuously display statuses of all servers and applications.
- Wrote parts of Belk.com, using JSPs and the JQuery library.
- Wrote parts of the CARS data application for vendor and merchant product inventory.
- Created an Ant-based system to allow a project to be deployed to different environments without code or configuration changes.
- Installed and configured all software for application production servers.

TECHNOLOGIES: AJAX, ANT, Barcode4J, BazaarVoice, Blue Martini, CoreMetrics, CSS, CVS, Endeca, Foresee, Hibernate, HTML, J2EE, Java, Javascript, JMS, JQuery, JSP, Log4J, Oracle, Scene7, Servlets, Spring, SQL, Swing, Tomcat, UML, Velocity, Web Services, Weblogic, XML, Xstream

■ 4/2002 – 4/2007 **First Advantage Corporation (NASDAQ: FADV)**

Los Angeles, CA

First Advantage Corporation is a provider of credit and risk management reports to the mortgage lending industry. It furnishes prime and subprime credit histories, lease and payment performance, credit standing, and criminal records, as well as many other types of background screening information. FADV has a current market cap of approximately 482m with over 1,400 employees. My roles at the company were those of technical project manager and application architect for HINT, the application used internationally by thousands of the company's agents.

Senior Software Engineer -- Technical Project Manager and Application Architect, HINT

- Completely responsible for the architecture, user interface, and much of the implementation of HINT, a rich-client desktop application that facilitates manual fulfillment of workflow tasks, especially background screening tasks. **(Screen shots and more information available at www.arigoldstein.com.)** The front end was created in Swing, with SOAP messaging through AXIS web services to an J2EE/EJB backend running in BEA Weblogic. Also used JMS, Struts for client side web application, Javascript for highly mutable code, Oracle database.
- Created projects and development estimates, conducted code reviews, and supervised team work product.
- Interviewed potential hires for outsourced development team in India.
- Functioned as the development team representative to all operations management and personnel.
- Met with end users to gather requirements at operations facilities throughout the U.S.
- Conducted exhaustive assessments of product performance, usability, and feature set.
- Increased task fulfillment speed by 400%.
- Reduced agent training time from two days to two hours.
- Wrote business requirements documents, use cases, and process flow diagrams.
- Wrote technical design specifications including UML diagrams and class structure for implementation by a team of offshore developers.
- Designed and wrote the module which communicated with the credit bureaus to extract and parse information for credit reports.

TECHNOLOGIES: EJB, Hibernate, HTML, J2EE, Java, Java Web Start, Javascript, JBoss, JDBC, JMS, JNDI, JSP, Log4J, Oracle, Servlets, SOAP, Struts, SQL, Swing, Weblogic, Web Services, WSDL, UML, Velocity, XML, XSLT

■ 10/2001–2/2002 **Rhinestone King.com**

Encino, CA

Rhinestone King is a retailer of Austrian crystal rhinestones.

Web Architect

- Designed and implemented all work for a retail website selling crystal rhinestones (www.rhinestoneking.com). All pages are generated dynamically – adding a product merely requires adding the data to the database.

TECHNOLOGIES: HTML, Javascript, J2EE/EJB, JDBC, JSP, MySQL, Servlets

■ 4/1997 – 9/2001 **Pioneer Digital Technologies (NYSE: PIO)** Burbank, CA

Pioneer Digital Technologies, Inc. is a leading provider of interactive navigation software to the cable industry. More than 7 million copies of its Passport navigation and application suites are deployed nationwide to cable systems on a variety of digital cable set-top platforms. Today it is the only company with guides in both of the major headend platforms, compatible with virtually every deployed set-top box in North America.

Senior Software Developer, Passport GUI

- Developed mission-critical multi-tiered applications for the Passport application suite, used by cable networks in the configuration and digital content management of interactive television systems. Work was done in Java/Swing/J2EE to a C backend using a proprietary protocol. It was written on an NT workstation using JBuilder, compiled on Solaris platform.
- Wrote 47 percent of all code created by a 6-member team.
- Single-handedly produced and designed the user interfaces for all applications, far surpassing all original specifications to create a feature-rich, intuitive, and attractive user environment. **(Screen shots and more information available at www.arigoldstein.com.)**
- Taught Java concepts to other members of the team.

TECHNOLOGIES: C, J2EE, Java, Perl, Swing, Sockets, SQL

ADDITIONAL WORK EXPERIENCE

■ 12/2005 – 12/2005 **Datafaction** Culver City, CA

Datafaction is an integrated, customizable accounting solution specifically designed for high net worth individuals and families, CPAs, business managers and production companies.

Consultant

Created an applet which allows customers to view multi-page tiff files. The client was previously using a COM object, but required a cross-platform, cross-browser solution.

TECHNOLOGIES: Swing, JAI, Applets, HTML

■ 12/2005 – 3/2006 **Internationalist Marketing Group** Los Angeles, CA

Internationalist Marketing Group specializes in viral marketing and promotions for every type of client, from the local to the international level.

Consultant

- Created an application to facilitate rapid batch uploading of photos and reports to a website, allowing clients to instantly see the documentation of their promotions.

TECHNOLOGIES: MySQL, PHP, Swing, XML

Consultant/Programmer Analyst, The Booth (2/00-present)

Consultant, House of Secrets (6/01 – 7/01)

Java Tutor (1999)

Webmaster, Jewelart (1996)

EDUCATION AND TRAINING

1996 **Computer Science Coursework**, Stanford University, San Diego, CA
Studied OpenGL and AI algorithms.
1995 **Doctor of Jurisprudence**, Loyola Law School, Los Angeles, CA
1991 **Bachelor of Arts, Philosophy** with Departmental Honors, UCLA

OTHER ACHIEVEMENTS

ACADEMICS

California Bar Examination, Passed, 1996
Law School Admission Test, 171/180 (98th percentile)
Graduate Record Examination, 2300/2400 (99th percentile)
Scholastic Aptitude Test, 1450/1600 (98th percentile)

ICONOGRAPHY

3rd Place, *National College Gold Circle Awards*, Columbia University Press Association, 1991

OTHER SKILLS

PUBLICATION

Note and Comment Editor, *Loyola Entertainment Law Journal*, Loyola Law School, 1994-95
Co-author, *Slang U.*, Random House Publishers, 1990
Art Editor, *Ha'Am*, UCLA, 1989-90

VIDEO PRODUCTION

Over 400 hours of television studio training, including camerawork, editing, and direction.

AFFILIATIONS

MENSA, 1983 – present
California Bar Association, 1996-present
Sigma Pi Fraternity, 1988-91