SHIVDEV KALAMBI   www.shivdev.com/blog ▪ shivdev@gmail.com ▪ (408) 390-9436

SUMMARY

- 14+ years of experience in the complete life cycle of software development – Building Platforms and Developing Applications.
- Experience managing offshore teams, including software development, project management, QA, and release engineering.
- Hands-on experience architecting enterprise business applications using the latest JEE, Java and Open Source technologies.
- Proficient in SQL and experience creating data models for OLTP (E-R) and OLAP (Star schema) systems.
- Cloudera Certified Developer for Apache Hadoop (CCDH)
- Proven track record architecting and developing Client Side (Desktop/Web User Interfaces) and Server Side components.
- Experience in enterprise application performance and scalability testing strategies and best practices.
- Technology Blogger and Evangelist, helping back the developer community with interesting findings.
- Excellent leadership, team building, analytical, problem-solving, written, communication and interpersonal skills.

TECHNICAL SKILLS

Java Technologies	Core Java, Swing, Java EE (JSP, Servlets, JDBC, JAAS, Spring), JMX, JMS
Databases & Big Data	Oracle, MySQL, SQL Server, Hibernate, Hadoop (Apache, Cloudera, MapR), Apache Mahout, Hive
Web/Scripting	Linux/Windows Scripting, JavaScript (JQuery/Prototype), PHP, HTML, CSS, GWT, Groovy
Profilers/Design/Dev Tools	Eclipse/IDEA IntelliJ, Your Kit Profiler, Perforce, Atlassian, Sublime Text, Ant, Ivy, Maven
XML Technologies	Web Services (SOAP, REST), Apache Axis, CXF, JSON, JAXP (DOM, SAX), XSLT
App Servers	Tomcat, JBoss, WebLogic, Jetty
Other Tools	Tech Smith Camtasia and Snag It, Adobe Captivate and Photoshop, GIMP

PROFESSIONAL EXPERIENCE

Software Development Manager, HP/ArcSight (Enterprise Security) Sunnyvale, CA   Jan 2013 to Present

Technical Software Development Manager for **Correlation Team** – a team that handles the correlation engine that protects firms from Fraud and Theft through data analysis using rules, filters, reporting, trending, pattern discovery algorithms and alerting.

- Worked with Product Managers to prioritize features and enhancements based on customer and cross-team requests.
- Scoped, Prioritized, Planned and Delivered features and enhancements for several releases and service packs for 2 of our products.
- Held regular Triage meetings to prioritize and assign bugs that came in from Dev/QA/Support.
- Hired, Trained and Mentored team members. Held biweekly 1-on-1 meetings and annual Performance Review Meetings.
- Held cross-team, architectural and feature discussions. Did Code Reviews for all Java/SQL submissions and tracked progress.
- Continued to manage relationships with all our Vendors/Partners as well as HP Open Source Review Board for FOSS Libraries.

Principal Software Engineer, HP/ArcSight (Enterprise Security) Sunnyvale, CA   June 2008 to Jan 2013

Lead Developer for **ArcSight ESM** Reporting – a security correlation engine that protects firms from Fraud and Theft.
Lead Developer for **ArcSight Logger** Reporting – a Universal Log Management solution that unifies searching, reporting, alerting and analysis of enterprise log data making it easy to collect and store massive amounts of unstructured data.

- Implemented and maintained the complete integration of ArcSight Reporting with a third party reporting engines – **Inetsoft** (for ArcSight ESM) and **Intellicus** (for ArcSight Logger) to enable end users generate beautiful reports.
- Handled the complete relationship with our external partners and collaborated with their teams to resolve integration issues.
- Upgraded the reporting engines for major releases and suggested improvements.
- Took up additional responsibilities and ownership of ArcSight ESM Query Viewers that show real-time view of ESM data and enable drilldowns to filter data quickly and access the right type business data.

Lead Developer for **ArcSight Logger & ArcSight ESM** Web Services API

- Implemented a SOAP/REST APIs to authenticate and retrieve data from Logger/ESM by running searches or reports.
- Provided sample Clients for the API, trained Support with Soap UI, Browser Plugins and built tools to quickly debug customer issues.

Rotated for three quarters into **ArcSight FastTrack** Team – a Sustenance Engineering Team for ESM and Logger

- Worked on different parts of the Products, not necessarily in the areas I own, and handled Support Escalations that required debugging, profiling and troubleshooting that Support did not have the expertise to resolve.

Other roles involved

- Presenting sessions at the ArcSight Protect User Conference (2009 – 2013) on Logger Reporting and Web Service APIs.
- Getting on the community forum portal and answering several internal/customer questions related to my area of expertise.
- Closely working with Technical Publications (Docs), Support, FastTrack, Sales Engineering and Professional Services teams.

Sr. Software Developer, Cogency Software Inc., Burlingame, CA   April 2002 to June 2008

As an Application Developer for **Fund of Hedge Funds** – an accounting workflow, investment management & reporting system,

- Developed several modules including Cash Management, Liquidity, General Ledger, Journal Entry Editor, Investor/Series Rollup, Fund/Investor/Internal Transfer & Assignments, FX Rate and several others that define the Hedge Fund Accounting workflow.
- Created Bulk Load Rules to extract initial data from Excel Spreadsheets and load them into the Database.

- Generated automated replays for regression testing. Created suites of user experiences for developers to run before check-ins.
- Managed releases and branches. Created Packages, Patches, and DB Migrations as needed.

As an Application Developer for **Investor Insight** – a Hedge Fund CRM (Customer Relationship Management) system,
- Built several dashboards and views of the CRM that managed Investor Accounts, Contacts, Relationships, Prospects, Funds and Investments.
- Designed and implemented Statement Generation – a framework that produced and emailed or printed PDF reports that showed Investor and Fund Performance. Supported custom Word Documents through MS Word Mail Merge & PDF Creator.
- Created a framework to read Investment Performance Data from Client's Excel Spreadsheets, cleanse it, transform it and load it into the DB after applying various business rules.

As a Platform Developer for **Wisdom** – a powerful workflow engine and IDE, for building high performance custom apps,
- Created impressive widgets like Gauges, Graphs, Pie Charts, Stock Charts, Status Lights, Knobs, Switches, Tables, Trees and other controls using the Java Swing and third party vendors like KLG, Sitraka, GenLogic etc., to display business activity information on tailored dashboards.
- Developed the *Forms* framework – a powerful Data Binding and Query by Example framework that bound widgets to the DB.
- Designed and developed a context sensitive heat map framework that can be applied to tables and other graphical components that would render context sensitive data in a gradient of colors. Also added support to configure the governing rules to control the heat map at design and run time.
- Designed and built DB Audit Trail, to record all DB actions per user, per role to track changes made to the database.
- Designed and implemented *Replay* – a testing framework that recorded user actions by listening to message flow, persisted them as a XML and played them back with additional customizations and performed assertions and diff-comparisons.
- Converted the authentication system to pure JAAS with fail over protection to authenticate users.
- Designed and implemented a custom Logging Module that controls the logging, notification, exception and error handling throughout the system.
- Reviewed the source code to improve performance, scalability and eliminate memory leaks.

Trained and led an offshore team of 6 developers
- Wrote detailed specs of requirements, assigned tasks, mentored the team, reviewed code and maintained project plans to track and report progress.

Software Engineer, Manage.Com, San Jose, CA   July 2000 to April 2002
- Involved in the design and development of **mxBuilder** – a Java based Authoring Environment that allows users to create and deploy custom dashboards by laying out widgets and hooking them to data sources. Enhanced the usability of the product by adding features like Drag & Drop and building intuitive Wizards that significantly simplified the XML development process.
- Designed a plug-in API for to allow third party Adapters to generate data sources and plug the scripts into *mxBuilder*.
- Designed and developed a *TIBCO Hawk Browser* module that listened for TIBCO Hawk Agents on the TIBCO Bus and displayed the Hawk Specific Information and plugged them in.
- Designed and implemented a *JDBC Explorer* user interface to browse databases and generate SQL scripts and plug them in.
- Developed JSPs for the Admin Module of **Front Line Server** to configure system settings at runtime and creating and managing users of the system. Maintained other JSPs, Servlets and CSS files of the application.

Teaching Assistant & Lab Administrator, OHIO University, Athens, OH   Jan 1999 to June 2000
- Taught C Programming (CS 210) to students majoring in various disciplines. Installed software, upgraded hardware and resolved system and application problems in over 200 Win NT systems spread across six labs at the Engineering Center.

EDUCATION
- MS Computer Science, OHIO University, Athens, OH (June 2000)
- BE Computer Engineering, University of Madras, India (April 1998)

CERTIFICATIONS
- Cloudera Certified Developer for Apache Hadoop (CCDH) – CCD-410 (August 2014)
- Microsoft Certification in Windows NT Server 4.0 and Visual C++ (1997)

INTERESTS & ACTIVITIES
- Attending and Speaking at Conferences. Avid listener of technology Podcasts like Java Posse, Chariot Tech Cast, TWIT etc.
- Web/Android development for fun projects and exploring new technologies. Enhancing Wordpress and Joomla templates.
- Volunteered in the Konkani Association of California for planning fun activities and maintaining their website.
- Regular Swimming, Yoga, Indoor Rock Climbing & Ping-Pong. Seasonal Skiing, Backpacking, Tennis and Golf.