CHANDRA PRAKASH

## Computer Scientist | Engineer | Architect | PMP

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<https://github.com/chandra1123>

## SUMMARY

* Chandra has been developing complex software systems for 25+ years across multiple domains
  + Business Intelligence
  + Finance (Investment Banking, Insurance)
  + Risk
  + Regulations
  + Logistics
  + Customer Relationship Management
  + Supply Chain Management
* For past 14 years, he has been in Management / Lead positions focused on research and delivery of Enterprise grade products and solutions for premier organizations such as Manhattan Associates, HSBC, GE, SAS, Wells Fargo and Citigroup.

## EDUCATION

Bachelor of Technology in Computer Science and Engineering

Indian Institute of Technology, Delhi

## CERTIFICATIONS

* 2018, Senior Member, ACM
* 2017, AWS Certified Solutions Architect – Associate
* 2016, TOGAF 9
* 2008, PMP
* 2008, SAS Certified Warehouse Architect
* 2007, SAS Certified Advanced Programmer for SAS 9
* 2006, Sun Certified Enterprise Architect

**RECENT COURSES**

* 2018, **Bitcoin** **and** **Cryptocurrency** Technologies from Princeton University via coursera.org
* 2015, **Machine Learning** from Stanford University via coursera.org
* 2015, **Data Science** **Specialization** from Johns Hopkins University via coursera.org
* 2014, **R Programming** from Johns Hopkins University via coursera.org
* 2014, Introduction to Interactive Programming in **Python** from Rice University via coursera.org
* 2014, Functional Programming Principles in **Scala** from École Polytechnique Fédérale de Lausanne via coursera.org
* 2013, **Computational Investing** from Georgia Institute of Technology via coursera.org

## PROFESSIONAL EXPERIENCE

### **VICE PRESIDENT, KINETIX TRADING SOLUTIONS, Charlotte, NC, 2014 - TILL DATE**

* Assisted a major bank set up Fort Mill development center.
* **Helped the bank pass CCAR** by building and supporting 4 complex finance and risk reporting systems in compressed time scales.
* Automated application monitoring and system maintenance activities for **Market Risk** by building a tool (Market Risk System Automation). This reduced human errors, generated time/cost savings and helped in compliance with organization policies.
* Developed **Model Risk** Management System which provides centralized repository of models, governance and control processes. This enabled the back to comply with federal regulations, improved risk management and reduced costs (by eliminating 5 legacy systems).

### **LEAD APPLICATION ENGINEER, WELLS FARGO, Charlotte, NC, 2010 – 2014**

* Enterprise Collections and Recovery platform (ECAR) - **Modernized Technology Stack** from legacy PowerBuilder to Web based.
* IntegratedECARwith multiple systems by developing several inbound and outbound real-time interfaces using Queuing (WebSphere MQ and Oracle Advanced Queuing) and **Web Services** (Soap and REST).
* Developed multiple modules to **support government regulations** and business needs.

### **SENIOR SOFTWARE DEVELOPMENT MANAGER, SAS R&D, Pune, India, 2007 – 2010**

* Developed “Search Interface to SAS Content” to surface SAS Content (e.g. reports, dashboards) from SAS Servers via **Enterprise Search** Facilities. **Managed the product development** from proof-of-concept stage to multiple end-user releases.
* Developed common user interface components - Reusable Presentation Layer and Web-Tier UI components and frameworks which are consumed by SAS Products and Components.

### **TECHNICAL ARCHITECT, KANBAY 2005 – 2007**

* Provided overall architectural guidance and technical leadership to GE and HSBC accounts.

### **SOFTWARE MANAGER, MANHATTAN ASSOCIATES, Bengaluru, India, 2004 – 2005**

* Managed the development of Distributed Order Management System (DOMS)

### **SENIOR CONSULTANT, TOTAL BUSINESS RESOURCES, USA, 1998-2004**

* Developed software in Travel, Finance and Logistics domains.

### **SYSTEMS ANALYST, DATASOFT TECHNOLOGES, USA, 1997-1998**

* Maintained and enhanced System 2000 (A wholesale distribution package).

### **ASSISTANT SYSTEMS ANALYST, TATA CONSULTANCY SERVICES, 1993-1996**

* Developed software for customers: J. P. Morgan; Tata Steel; Rail Coach Factory, Kapurthala

## TECHNICAL SKILLS

**Operating Systems:** UNIX, LINUX, WINDOWS, AS/400, HP-UX, MVS

**Language:** Java, C, C++, SQL, SAS, Python, R, Scala, , JavaScript, HTML, XML, XSL, CSS

**Database:** Oracle, DB2, MS-ACCESS, SQL-SERVER, Mongo DB, MySql

**Application Server:** WebSphere, Tomcat, JBOSS, WebLogic, Jetty

**Other:** Ajax, AngularJS, Apache Axis, AWS, BMC RLM, CA Introscope, ClearQuest, Cloud Computing, CRM, CruiseControl, Design Patterns, Eclipse, EJB, Enterprise Architect, Enterprise Search, Execution Services Framework, ExtJS, Flex, Google Search Appliance, Hibernate, HP Fortify, Ibatis , Insurance Application Architecture(IAA), J2EE, JAWS, JAXP, JMS, JNI, Jquery, JSF, JSON, JSP, JSTL, Junit, Knockout, Linux, Log4J, Maven, Microsoft SharePoint, Microstrategy, MongoDB, node.js, OOAD, Optier, Oracle11g, Oracle12, Oracle AQ, Rational Application Developer, REST, Richfaces, Rich Internet Applications, JAZZ RTC, SCM, Sequel, Servlets, SOAP, Spring, SQL, Subversion, Swing, Talend, Tealeaf, Tibco JMS, UML, Vantive, Velocity, Verint Witness, Web Services, WebSphere, WebSphere MQ, WSAD, WSDL, Xfactor, XMLBeans, XSL-FO, XSLT

**FUNCTIONAL SKILLS**

**Business Domain:** Finance, Insurance, Investment Banking, Risk Management, CRM, Logistics, Supply Chain Management, Business Intelligence

**Other:** Project Management, People Management, Mentoring, Interviewing, Requirements Analysis, Product Release Cycle, Training