

CHANDRA PRAKASH

Huntersville, NC | 612-568-2426 | cprakash@acm.org

SUMMARY

I am a Computer Scientist and a hands-on engineer who is passionate about education. I have been developing software for over 26 years as a developer, manager and architect. For the last three years, I have been building an education and software services company called CupRiver.

SKILLS

BUSINESS DOMAINS

Analytics, Search, Compliance, Collections,
Banking, Finance, Risk, Insurance,
CRM, Logistics, Supply Chain Management,
Business Intelligence

LANGUAGES

Java, JavaScript, Python, C, SQL, SAS, R, Scala

OPERATING SYSTEMS

UNIX, WINDOWS, AS/400, MVS

APPLICATION SERVERS

WebSphere, Tomcat, JBOSS, WebLogic, Jetty

DATABASES

Oracle, DB2, MongoDB, MySql

ROLES

Research, Design, Development, Testing,
Change Management, Product Release Cycle,
Project Management, Architecture, Requirement
Analysis, People Management, Training, Mentoring

OTHERS

AngularJS, CA Introscope, ClearQuest, Cloud
Computing, Design Patterns, Enterprise Architect,
ExtJS, Google Search Appliance, Hibernate, HP Fortify,
Ibatis, J2EE, JAWS, JMS, JNI, JQuery, JSON, Junit,
Knockout, Log4J, Maven, Microsoft SharePoint, nodejs,
Optier, Spring, Talend, Tealeaf, Tibco EMS, UML,
Vantive, Velocity, Verint Witness, XMLBeans, XSL-FO

CERTIFICATIONS

Senior Member, ACM	2018	SAS Certified Warehouse Architect	2008
AWS Certified Solutions Architect – Associate	2017	SAS Certified Advanced Programmer for SAS 9	2007
TOGAF 9	2016	Sun Certified Enterprise Architect	2006
PMP	2008	Sun Certified Java Programmer	2000

EXPERIENCE

VICE PRESIDENT, KINETIX TRADING SOLUTIONS

Charlotte, NC 2014 – Present

Lead design and development of risk applications for a bank:

- Limit Central: A critical system to monitor, control and report market risk exposure
- Model Risk Management: Centralized repository of models, governance and control processes

Build 4 complex finance and risk reporting systems to support compliance with CCAR regulations:

- Pre-Provision Net Revenue: Application to enter and aggregate data for PPNR submission
- MicroStrategy Reporting: Financial and Risk reports to aid in CCAR submissions
- Gap - Rap Conversion: Convert numbers from GAP to RAP (Regulatory Accounting Principle)
- Spread Sheet Upload Solution: Tactical solution to upload spreadsheet data for regulatory reporting

Architect 2 applications to support the internal operations of a bank:

- Market Risk System Automation: Automates application monitoring and system maintenance activities for Market Risk that reduces human errors, generates time/cost savings and helps in compliance with organization policies
- Initiative Management System: Provides end-to-end workflows to support Initiative Expenditure Policy – Business Plan Entry, Review, Approval, Budgeting, Monitoring and Reporting

Interview, mentor and guide developers in building and supporting the above applications.

Role: Research, Analysis, Design, Development, Mentoring

Environment: Java, J2EE, JavaScript, Flex, AngularJS, ExtJS, Spring, Ibatis, Hibernate, WebSphere, Oracle, PL/SQL, Tibco EMS, XML, JDBC, Tomcat, Maven, Linux

LEAD APPLICATION ENGINEER, *WELLS FARGO*

Charlotte, NC 2010 – 2014

Delivered multiple modules to support collections and recovery and to comply with government regulations:

- Loan Modifications (HAMP)
- Checklists
- Capital Markets Edits and Controls
- Desk Review Appraisals
- Automatic Payment
- Legal Judgment
- RVS Appraisals

Integrated multiple systems by implementing real-time interfaces using various technologies:

- Queuing (WebSphere MQ and Oracle AQ)
- Web Services (Soap and REST)

Re-engineered the technology stack of Enterprise Collections and Recovery platform (ECAR) from legacy PowerBuilder to Web based using Java, JSF and Richfaces.

Role: Research, Analysis, Design, Development, Mentoring

Environment: Enterprise Architect, Java, J2EE, Javascript, JQuery, JSF, Richfaces, Spring, Ibatis, Oracle, PL/SQL, Websphere MQ, Oracle AQ, XML, Perl, Powerbuilder, JDBC, Axis, JAX-WS, XMLBeans, WebSphere, Tomcat, MQ, Web Services, ClearCase, ClearQuest, Subversion, ANT, Maven, Optier, Unix

SENIOR SOFTWARE DEVELOPMENT MANAGER, *SAS R&D*

Pune 2007 – 2010

Established and managed a team of software developers working in 3 product areas:

- Search Interface to SAS Content – Integrates SAS Metadata Server to Search Engines
- SAS Formats – Critical library to format and parse numbers in SAS
- Common Component Development - Reusable widgets using Swing, JSP, Ajax and Flex

Drove “Search Interface to SAS Content” product from proof-of-concept to multiple end-user releases. This product allows users convenient access to SAS Content (e.g. reports, dashboards) from SAS Servers via Enterprise Search Facilities.

Role: Research, Architecture, Design, Development, Defect Fixing, Review, Product Release Management, Team Management, Mentoring

Environment: Java, C, Python, JavaScript, AJAX, J2EE, Swing, Dojo, HTML, XML, XSL, UML, Jaws, Rational Rose, Websphere, Weblogic, Tomcat, Jboss, SAS, SAS Metadata Server, Web Services, MVS, Unix, Windows, Flex, Alchemy, ANT, CVS, Google Search Appliance, Microsoft Sharepoint, Teragram

ACCOMPLISHMENTS

- Blog technical articles at <https://www.baeldung.com/author/chandra-prakash/>
- Tutor Computer Science at <https://www.chegg.com/tutors/online-tutors/Chandra-P-0880407/>
- Publish Alexa skills: Scala Facts
- Published the paper “Integrating the Power of SAS® with the Ease of Search across the Enterprise” <http://support.sas.com/resources/papers/proceedings10/331-2010.pdf>

EDUCATION

Bachelor of Technology in Computer Science and Engineering,
Indian Institute of Technology, Delhi