



# Kamal Kumar

## Software Architect

Redmond

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### CERTIFICATIONS

AWS Certified Solution  
Architect Associate

### AREAS OF EXPERTISE

- High Performance Computing
- Enterprise System Integration
- Business Process Automation
- Java/J2EE Organizations
- Solution Architecture
- Application Security
- Mobile Applications
- Open Sources
- AWS Cloud

### FRAMEWORKS

- Spring
- Struts
- Hibernate
- Log4j
- Solar
- Velocity
- Castor
- AspetcJ
- Acegi/Spring

### SUMMARY

Innovative, strategic, result-driven business technology leader with proven success in emerging technology, strategy, enterprise architecture, solution architecture that spans Integration, Data, Mobile, Cloud and Security. Track records implementing/developing large enterprise applications. Reputations for defining enterprise technology strategies & solutions

### TECHNOLOGICAL PROFICIENCIES

- Core Java
- J2EE
- UML
- Struts
- Spring
- Hibernate
- Oracle
- SQL
- PL/SQL
- XML
- Salesforce.com
- HubSpot
- Business Process Management and Enterprise Management
- Web services
- Service Oriented Architecture
- Test Driven Development
- Distributed and Client-Server Application
- Enterprise System Integrations
- Document Management Systems
- Workflow Systems
- EJB Axis
- Amazon cloud
- EC2
- RDS.SQS
- AWS Data Pipeline
- AWS Kinesis
- AWS Batch
- Dynamo DB
- Elastic Search
- Auto Scaling
- Android Mobile App
- Content Management

### PROFESSIONAL EXPERIENCE

2017-Present

#### Software Architect

T Mobile, Bellevue, WA

## BUILD TOOLS

- Maven
- Ant

## APPLICATION SERVERS

- Tomcat
- JBoss

## VERSION CONTROL SYSTEMS

- CVS
- Subversion
- MKS
- VSS
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## DATABASE

- Oracle(7x,8x,9x)
- MySQL
- Sybase
- MS SQL

## UML TOOLS

- Argouml
- Star UML
- Magic Draw

## TESTING FRAMEWORKS

- JUnit
- Mockito
- JMock

## EDITOR/IDE

- Eclipse
- STS

Responsible for designing and developing various cloud security and compliance products, voice based applications for amazon Alexa based products, managing open source effort for T-Mobile flagship cloud security and compliance products.

Technology evangelist for various new technologies with T mobile cloud center of excellence.

Evangelizing learning chat bots and tensor flow in T mobile.

Lead the team of Senior engineers.

Design and code critical components in the system.

2015 -2017

### Software Architect

UST GLOBAL

Responsible for designing and developing automated cloud security and governance product, PacMan (Policy as Code Manager)

Identifies the issues in AWS infrastructure in near real time, sends alerts , tries to fix issue automatically or initiates a workflow to fix it.

- Auto corrects the issues by configuration.
- Can monitor multiple AWS accounts.
- CI/CD and code quality monitoring automation.
- High availability application on AWS across availability zones and availability regions.
- Cloud trail monitor and event processing.
- Cloud application integration using REST based services.
- System performance tuning and database tuning, using visual vm.
- Fully built on cloud, highly available and scalable.

## METHODOLOGIES

- Scrum
- XP
- RUP

## SOFT SKILLS

- Strong team player and mentor
- Effective Communication
  - ✓ Oral
  - ✓ Written
- Good customer interaction skills
- Positive Attitude and willing to learn new technologies
- Detail oriented and committed in achieving high quality results

2012 -2015

### Chief Technologist & Architect

INFOICON TECHNOLOGIES PVT LTD.

Technology leadership, lead a team of architects to devise various products for Organization.

- Designed and Developed Ecommerce SAAS product
- Defined and led the new strategic direction that improved productivity, reduced cost.
- Coded various libraries for application security, these were wrapper over spring security framework to fit Jboss seam components.
- Designed various server-less services for mobile apps back-end.
- Wrote Lambda functions on AWS as web services for mobile apps.
- 75% code converge using Junit, Jmock and Mockito

2009 -2012

### Associate Technical Manager and System Architect

HCL Technologies

Responsible for managing 40 team members globally for architecture and development.

- Designed and developed fully managed E Commerce and content management system using Java, J2EE, Spring, Hibernate, Spring Security, OWASP, Jboss Drools, Solr, Jive, Interwoven, Apache Nutch.
- Developed various libraries and modules to be reused across the project.
- Developed real time file scanner, this if configured will scan all the files uploaded from web interface, using clam scan.
- Magic Draw for all UML
- Andro MDA for generating all the core code automatically
- Jenkins/ Sonar for automated quality check.
- Wrote various multithreaded agents for system integrations and data processing.

2003 -2009

### Earlier Experience

Various Organizations

- ❖ Product Engineer @ **Core Objects 2008-2009**
- ❖ Senior Consultant @ **SAP LABS INDIA 2006-2008**
- ❖ Senior Software Engineer @ **Newgen Software Technologies, India 2003-2006**

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## EDUCATION

2000-2003

**Masters in Computer Application**

2000-2003

**Bachelor of Science**