Sarojkumar "SK" Tondwalkar
AWS Certified Architect and Engineering Leader

nationality
United States

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technologies
Microservices
aws (cloud) computing
RESTful and SOAP
oAuth
OpenID connect
Agile methods
Pub-Sub Event Svcs
CORBA complier and
IIOP

sectors
Banking
Financial
Telecommunication

tools
Terraform
Java Clojure C++
Git Maven Jenkins
ATDD CICD
Python Ruby CSS
HTML
Angular Javascript
JBOSS Weblogic
Open source (OSS)

certification
AWS assoc architect
TOGAF 10
Chef
Agile methodologies
Forgerock IAM
Performance tuning
Communication

interests

Build highly efficient agile teams, highly resilient secure systems and cost saving architecture for continuous growth. Build lab for technology prototying and developer guidance. Employ machine learning to transform business.

education

Ph.D. candidate in Computer Science — George Mason Univesity, Fairfax, VA
Efficiency of parallel processing

M.Sc. Computer Science with High Distinction — University of Bombay, Mumbai
Specialization in real time database systems

B.Sc. Physics with Highest Distinction — University of Bombay, Mumbai

experience

08 2012-date	**Capital One, Northern Virginia, USA**	Sr Manager Engineering
	Build strong agile teams - RESTful service, DevOps, Commercial bank, IAM	
06 2006-12	**Fannie Mae, Washington D.C., USA**	Sr. Dev Manager
	Build and own(E2E) trade decision system; compliance certification; DR	
06 2000–06	**S.W.I.F.T. (Interbank Telecommunication), NoVA**	Sr. Technical Lead
	Build automated QA; performance tuning; capacity planning	

applications

Current — DISRUPT banking technology — capitalone.com
Build APIs on cloud following agile practices
• Small business - DevOps, Architect, Automation, YBYO
• IAM - Facial recognition, Identity capture, RSA to Forgerock, MFA
• Commercial banking - Risk assesment, treasury managment, P2P, Et al.

2012 — Trade decisioning Webapp systems — fanniemae.com
System ownership; Resiliency and Audit
• From design to operations - Interest Rate DB and Data Analytics Engine
• Sox and other regulatory compliance monitoring and certification
• Disaster recovery strategy, exercise and maintenance

2006 — Quality gate to 5-9s (99.999%) reliable system — swift.com
• Quality, performance tuning and capacity planning for long term
• Unique early problem detection using synthetic transaction coupled with knowledge based system

2000 — Build framework for interoperable systems — verizon.com
• Build CORBA compiler and IIOP for various languages, Pub/Sub Event Services Engine