

Shashikant Kulkarni

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Summary

- Oracle Certified Master Java Enterprise Architect and Sun Certified Java programmer
- Cloudera Certified Hadoop Developer
- Apache Spark(2+ years), Apache Cassandra (2+ years), Knowledge of Apache Kafka, BigData Eco-systems
- 4+ years on AWS Services like AWS API Gateway, AWS Lambda, AWS Cognito, EC2, Beanstalk, CodeCommit, Code Pipeline, S3, Serverless Framework, Route 53, Cloud Front, lightsail etc
- 1+ years of experience in Serverless Framework setting up the AWS for one web application and Lambda, Gateway and other services.
- Hands-on experience (2+ years) with Cassandra, CQL, data modeling, data replication, clustering, indexing for handling for large data sets.
- Databases like MySQL, PostgreSql, Oracle, Apache Cassandra, AWS Aurora, DynamoDb
- Expertise in managing Cassandra Cluster using Apache Cassandra
- Strong experience with Java, Vert.x, Python with Apache Spark.
- Angular 8, ReactJS, HTML, CSS, Javascript, REST API, AWS, Google Cloud
- Experience working with distributed systems, clustering, and replication.
- Well versed with development toolkits like Maven, GIT, Bitbucket, Continuous Integration suites like Jenkins, automated deployments using Ansible, JIRA, Wiki.
- Capable of working in a collaborative, multi-site environment to support rapid development and delivery of results and capabilities

SKILLS AND TOOLS

- Apache Spark, Apache Cassandra, Knowledge of Apache Kafka
- Java, Python, Bash, working knowledge (JavaScript, AngularJS), PHP, Vert.X, Angular 8, ReactJS, HTML, CSS, Javascript, REST API, Python, PHP CodeIgnitor, AWS, Google Cloud
- Databases like MySQL, PostgreSql, Oracle, Apache Cassandra, AWS Aurora, DynamoDb
- AWS API Gateway, AWS Lambda, AWS Cognito, EC2, Beanstalk, CodeCommit, Code Pipeline, S3, little bit of IoT, Serverless Framework, Route 53, Cloud Front, lightsail etc
- Hadoop, Map/Reduce , Kafka, Apache Spark
- Warehousing ETL/Automation - Pig, Oracle, MySQL
- Monitoring - Grafana
- Infrastructure – Docker(working knowledge) , Ansible, Amazon Web Services (AWS), Apache
- Networking – Custom TCP/IP, UDP application protocols, Network Management Systems (NMS/EMS), SNMP, REST APIs, Syslog
- Linux, JIRA, Maven, Ant, JUnit, Git, GitHub, bitbucket, Eclipse, Wireshark, CodeIgniter, Ionic Framework, Dygraphs

Experience

Freelancer|Big Data|Apache Spark|Apache Cassandra|AWS

Freelance; Self-employed IT professional; Consultant

Apr 2018 - Present (2 years 9 months +)

- Big data developer
- Live project experience in Apache Spark using Java 8 with Apache Cassandra for more than 2 years using spark cassandra connector
- 2+ years experience in managing AWS EC2, VPC, Security groups, route tables

- My experience in Apache Cassandra starts from data modeling upto database administration on production servers with 3-5 nodes in cluster of live projects.
- Successfully done data modeling for 2 Apache Cassandra based projects which are in production now



VP Technology

Ksolves India Limited

Jun 2016 - Mar 2018 (1 year 10 months)

- Experience in Apache Spark, Apache Cassandra
- AWS - managing EC2 instances
- Hands-on experience with Cassandra, CQL, data modeling, data replication, clustering, indexing for handling for large data sets.
- Expertise in managing Cassandra Cluster using Apache Cassandra 3.9 and 3.11
- Strong experience with Java, Python with Apache Spark.
- Experience working with distributed systems, clustering, and replication technologies.
- Architecture reviews,
- Requirements analysis and design,
- Prototypes,
- Code review, code refactoring,
- Mentoring, training
- Evaluate and decide use of software products including tools, frameworks
- Performance improvement, refactoring of application(s)
- Well versed with development toolkits like Maven, GIT, Bitbucket, Continuous Integration suites like Jenkins, automated deployments using Ansible, JIRA, Wiki.
- Capable of working in a collaborative, multi-site environment to support rapid development and delivery of results and capabilities
- Effectively communicating technical analyses, recommendations to project stakeholders



Enterprise Architect

Ksolves India Limited

Sep 2014 - Jun 2016 (1 year 10 months)

- Consultancy
- Architecture reviews,
- Requirements analysis,
- Design and review,
- Prototypes,
- Code review, code refactoring,
- Mentoring, training
- Evaluate, investigate and decide use of software products including tools, frameworks
- Performance analysis, refactoring of application(s)
- Decide technical road map



Software Architect

Tieto

Dec 2009 - Sep 2014 (4 years 10 months)

- Requirements analysis, architecture, design, prototypes, code review, code refactoring, mentoring, environment setup, continuous integration, trainings, demos
- Participating in proposal making and due diligence activities

- Evaluate, investigate and decide use of software products including tools, frameworks
- knowledge transfer from onsite to offshore, team ramp-up, setting up knowledge base, documenting project
- processes
- Conducting and arranging sessions for knowledge sharing
- Performance analysis, refactoring of application(s)
- communications with stakeholders
- technical roadmap for team

 GeometricPLM

Group Lead

GeometricPLM

Nov 2008 - Dec 2009 (1 year 2 months)

Requirement analysis,
design,
prototyping,
development,
unit testing,
mentor,
customer communication,
onsite-offshore coordination,



Consultant at Cummins Inc

Geometric Software

Sep 2007 - Nov 2008 (1 year 3 months)

Technical consultancy,
Performance analysis
prototyping,
mentor,
customer communication,
onsite-offshore coordination,



Consultant at QuikSilver

Geometric Software

Mar 2007 - Aug 2007 (6 months)

Technical consultancy,
implementation,
design,
unit testing
Performance analysis
customer communication,



Group Lead PLM Solutions

Geometric Software

Apr 2006 - Mar 2007 (1 year)

Requirement analysis, design, development, unit testing, mentoring, customer communication, onsite-offshore coordination



Senior Software Engineer

Geometric Software

Apr 2003 - Apr 2006 (3 years 1 month)

development, unit testing



Software Engineer

Geometric Software

Aug 2000 - Mar 2003 (2 years 8 months)

development, unit testing



Software Engineer

Vishwagan Infosoft Pvt. Ltd.

Dec 1999 - Aug 2000 (9 months)

Software implementation, unit testing

Education



CDAC

Diploma, Development of Advanced Computing

1999 - 1999



Dr Babasaheb Ambedkar University

B.E., Production Engineering

1994 - 1998



S. B. College of Science

HSC, Science, Mathematics

1992 - 1994



Gujrati vidya mandir

S.S.C., Secondary School Certificate

1984 - 1992

Licenses & Certifications



Cloudera Certified Developer for Apache Hadoop - Cloudera



Sun Certified Java Programmer - Sun Microsystem

 **Brainbench certified for Java 2** - Brainbench

 **Oracle Certified Master, Java EE 5 Enterprise Architect** - Oracle

Skills

Big Data • Cassandra • Apache Spark • Web Services • Cloud Computing • Technical Analysis • SOA • Design Patterns • Integration • Agile Methodologies

Honors & Awards

 **Pat on the back** - Tieto

Jul 2013

Received this award from my unit for my contribution to the project as a senior member. I was involved in the transition and then execution of the project. The customer satisfaction index was excellent.

 **Appreciation Award** - Geometric

Jan 2006

For excellent team work and contribution to the project

 **Excellent Performing Team Award** - Geometric

Jun 2004

For introducing a new productivity improvement tool, developed in house, on time with great quality