

Rakesh Rao

Solution Architect

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Summary

- Extensive experience in the development and maintenance of enterprise software for financial services (equities, commodities, risk) and Software Products like SQL Developer, Eclipse plugins.
- Identification and successful migration of legacy services onto Java, Spark and Angular framework resulting in reduced support cycles for the team, massive cost savings to the firm, quicker turnaround times and overall increased customer satisfaction.
- Build and lead teams as part of project onboarding, development and maintenance. Guide and imbibe good practices involving Agile development model, rapid prototyping and DevOps.
- Help firm/management with project estimates, team performance, requirement gathering and analysis, client interaction, offshore/onshore coordination.
- Broad, hands-on exposure to various technologies used in the software industry - Core Java, multithreading, Spark/Big Data, SQL, Spring, XML, JSON, Spring-integration, Mockito.
- Natural inclination towards learning the latest technologies and practices. Completed Google Cloud Architect certified- 2021.
- Having traveled to multiple countries for work - USA(4 Years), Germany, UK, I have considerable knowledge with client interactions, project planning and team coordination.

Experience

June 2020 - PRESENT

Goldman Sachs, India – *Vice President – Asset Management*

- Design and develop processes for generation of regulatory reports, track fund performance and handle mandate breaches using breach workflow.
- As technical architect, interact with users for gathering business needs, prioritize tasks, help persist risk and fund performance data, user experience enhancement, AWS cloud migration
- As team lead, handle recruiting and mentoring new members, code reviews, tech knowledge sharing, enforcing best practices, project planning and estimates.
- Technology stack: Core Java, Json, XML, Angular, Junits, IntelliJ, Mockito, SQL, AWS-GIT, Slang, CI/CD

November 2015 - June 2020

Morgan Stanley, India – *Vice President – Risk Aggregation and Reporting*

- Broad responsibility of handling projects related to position risks management, efficiency upgrades and plan for business continuity.
- Handled recruitment and mentoring of team members(10+), interacting with management for deciding technological direction, planning and estimates.
- Technology stack: Spark, Hadoop, Core Java, Multithreading, XML, Spring, Spring integration, Junits, Eclipse-IDE, Mockito, SQL, GIT.

December 2009 - November 2015

Sapient Consulting, USA/UK/India – *Senior Associate/Architect*

- Worked as senior consultant for ANZ, Bangalore - Forex trade and reporting division.
- Consultant Fannie Mae, Bethesda, USA - Loan & mortgage security processing division.
- Consultant at Citigroup in New York & New Jersey office - IT services for Equities trading domain
- Consultant UBS, Stamford USA - Mentoring new team members, handling complete IT support Equities trading domain
- Consultant Citigroup, US/UK - Support commodities traders in data gathering/analysis of commodities data, build efficient data scrapers and exploring new requirements. Successfully lead a team of about 15 members spread across multiple geographies

September 2006 - November 2009

Oracle, India – *Senior Associate – Database tools*

As part of one of largest software product company, work on Oracle DB client “SQL Developer” which assists users to manage Oracle database server and 3rd party DB migrations

August 2004 - September 2006

Robert Bosch, Germany/India – *Senior Developer*

A German automotive major, we built an IDE using Eclipse RCP plugin framework so as to allow automobile electronic chip designers to edit vehicle parameters in a consistent way. Also did R&D using different Eclipse technologies like GEF, EMF, SWT, JFace, JUnits.

Education

- Masters, Birla Institute of technology, Pilani India - Software Systems(DLP), 2007
- Bachelor of Engineering, Gogte institute of technology, Belgaum –Computer Science, 2001
- University, GSS, Belgaum, Karnataka University, India - Science, 1997

Other activities/interests

- Participated in recruitment events organized within the firm and in external campus
- Active badminton player, jogger
- Built stock price aggregator, Infrared controller projects using RaspberryPi as compute engine as part of student mentorship
- Learning and building trade strategies using inputs from Audio books, Python algos, Tensorflow etc

Certifications

- Google Cloud Professional Cloud Architect - 2021
- IELTS (7.5/8) - 2018
- SCJP - 2004