Umesh Tripathi

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Summary:

- 15 years of experience in software development in technology and IB organizations (Microsoft, Barclays).
- Extensive experience in architecture design, development of highly scalable, fault tolerant, low latency, distributed, micro services & SOA based applications across a range of domains, platforms and environments.
- Experience of Investment Banking Front Office applications eg. reporting, order management platform, risk & pnl systems.
- Proven experience in leading diverse teams with mixed technology stack (JAVA, C#, front-end web development, BA, testing).
- Leadership experience - hiring, Mentoring and driving change.
- Hands on experience in cloud AWS - EC 2, Elasticcache/Redis, RDS, ELB, EFS etc. and onboarding of enterprise applications to cloud.
- Extensive experience of working in Agile, JIRA, scrum, SDLC, change management.
- Extensive Experience in core Java, Spring Framework, Spring Boot, Messaging API, MultiThreading, Java 8 functional programming, Hibernate, Rest API, TIBCO EMS, Solace, JDBC, RDBMS, JBOSS, Unix
- Hands on DevOps experience – GIT, IAAS, CHEF, Teamcity, Sonarqube etc.

Education:

- B.Tech from NIT Bhopal – **77.75 %**
- GATE – **99.47 percentile, AIR 145**
- 12th – **82.6 %**

Technical Skills:

Technologies   : Java 8, Spring, Hibernate, Multi threading, Hadoop
Messaging/Middleware : TIBCO EMS, Solace
Web Development: HTML, Java Script, Angular
Front End: C#, Winforms
Database: SQL Server, SQLLite, MS Access, Oracle, MySql, Nosql, AWS dynamo DB
Cloud: EC 2, Elasticcache/Redis, RDS, ELB, EFS

Work Experience (15 Years):

Organization	Designation	Duration
Barclays Capital (Currently working)	Vice President	7th July 2012 (Analyst) to current (VP)
Yaylo	Technical Manager	1st December 2011 to 6th July 2012

Estee Advisors	Senior software analyst	1st June 2011 till 1st December 2011
Microsoft	SDET	11th December 2006 to 2nd July 2010
Wipro Technologies	Project Engineer	1st August 2005 to December 2006

Barclays Capital

Vice President – Risk And Analytics
Role: Architect, Team Lead
Direct Reports: 6 - 3 JAVA, 1.NET, 1 Test, 1 BA

Work Summary:

➢ Working on key deliveries of risk visualization system called ICE (Integrated Credit Environment). Responsible for understanding requirements, talking to business architecting solutions and ensuring end to end delivery of ICE features together with hands on development.

➢ Technologies used – Java EE, Jboss, Springboot (migrating), Solace, REST, UNIX, CHEF, Tibco, Winforms (UI)

➢ 6 Active Deployments across 4 regions, Total estate 40+ PROD/DR hosts. Users – 1500, 20000+ Reports

➢ Have been actively engaged in DevOps initiatives – GIT migration, CHEF migration, teamcity integration etc

➢ Participated in Agile sessions and ensured they are followed within the team using JIRA, sprints and scrum.

➢ Have helped building/hiring/mentoring the team.

Project Details:

Details: ICE is a generic risk visualization tool used across Credit/Rates Linear asset classes. It comprises of a distributed JBOSS server that collects and collates all the risk and pnl numbers from various sources like files, database, other systems and a .NET winforms client that displays data in form of EOD and live reports.

It's a highly flexible tool where users can create reports to look at risk and pnl in various possible ways. It also exposes APIs to be consumed by excel add in and other applications. It supports huge amount of data. A single setup is spread across 16 machines with 96 instances. It is a one stop data visualization tool across asset classes.

Yaylo Technologies (www.yaylo.com)

Team size: 3 + outsourced teams

Work Summary:

- Delivered 4 projects in a period of 6 months – CRM for property agents, milk delivery android application, SAAS based Ecommerce, fashion modelling portfolio and casting call website. .
- Mentored the team of fresh or little experienced graduates to develop professional products. Also did a lot of technical hands on contribution.
- Managed clients, drew prototypes and shaped the products from scratch for non-technical clients.
- Set up development environments from scratch and took care of hiring team.

Estee Advisors (http://www.esteeadvisors.com/)

Senior Software Engineer
Role: Individual Contributor

Work Summary:

Details: The software did high frequency automated stock trading in NSE and BSE. It listened to data coming from various exchanges and placed orders based on proprietary strategies. I was part of the order execution team and was appreciated for my work in performance tuning.

Microsoft

Software Design Engineer
Role: Individual Contributor

Work Summary:

- Was part of Windows Serviceability team which was responsible for releasing QFEs, security fixes and service packs from XP to Windows 7.
- Had full ownership of client and server of DHCPv4 and DHCPv6.
- Wrote a DHCP server simulator which helped automate DHCP client testing and improved overall delivery quality - was awarded **Gold Star Bonus Award** for this.
- Wrote a tool to solve rogue DHCP server issue which was a big problem within the networking team. The tool was a TDI filter driver that saved hosts from getting IP addresses from a rogue dhcp server by dropping packets of the rogue server before it reached dhcp client.
- Wrote a debugger extension to aid debugging DHCP code bugs in WINDBG. This tool helped listing DHCP specific data structures through shortcut commands.

Wipro Technolgies

Project Engineer
Role: Individual Contributor
Technology: Embedded systems / C++, UNIX

Work Summary:

➢ Was part of the printer engine emulator development team. The emulator was used to test HP printers by emulating various kinds of printer engines.

➢ I delivered a big feature called long life consumables for which I was awarded **Feather in my cap** award.