

SHOUVIK MUKHERJEE

Email: - shouvik.mukherjee@hotmail.com, shouvikmukherjee4@gmail.com, Phone No. : - 8125690784

LinkedIn: - <https://www.linkedin.com/pub/shouvik-mukherjee/17/998/761>

Professional Summary

- Accomplished Technical Architect with extensive experience and deep understanding of current technologies, standards, algorithms and project life cycle management and processes. **Over 17 years** of experience in architecture and development of Financial, Banking, Payments and Settlement, Service Management, Recommendation Systems, e-learning, Network and Load Balancing products.
- Strong expertise in Cloud Based as well as highly scalable On-Premise Distributed Enterprise Application Development.
- Proficient in Application and Database Design, Enterprise Integration, Data Analysis, Statistical Learning, Technical Support and Implementation of distributed and concurrent applications.
- Recipient of multiple R & D awards for technical and business innovations and support to large scale Deployments for major global financial institutions like **Bank of America, Reserve Bank of India/NPCI etc.**
- Managed, Directed and led cross functional global technical teams in the Role of Technical Solutions Architect

Core Competencies

Languages and Technologies: Java, JEE, C, SQL, Scala, Spark, Virtualization, Docker, Kubernetes, Azure, AWS, RancherOS, Socket /Network Programming, JDBC, RMI, JMF, JAXB, Servlet, JSP, Hibernate, SOAP, REST, JAX-WS, CXF, WS-Security, JCE, CORBA, EJB, JMS, Spring, UML, Enterprise Architecture.

GUI Design/Front End Technologies: JavaScript, Adobe Flex, CSS, HTML, ReactJS, Java Swing, AWT

Project Lifecycle: Requirement Definition and Analysis, Agile (SCRUM/XP), Software Cost Estimation, Scheduling, Stakeholder Communication, Pre-Sales, Quality Assurance

Project Infrastructure Management: Managing Build Farms, Source Repositories, Virtual Machine Systems, Support Systems for Automated Testing.

Database: Microsoft SQL Server, MySQL, Oracle, MongoDB

Data Analysis: R, Python(NumPy,Matplotlib,scikit-learn), KNIME, Orange

Mobile: Android, iOS, Apache Cordova

Payments Technologies: PCI-DSS, PADSS, ISO 8583, ZXing, JPos, SWIFT.

Network/Security: Ethernet, TCP/IP, ISDN, VLAN VPN, DHCP, WINS, DNS, VSAT, Kerberos, PAM, WS-Security

Operating Systems: Windows 2008, Red Linux Enterprise Server, Ubuntu, Solaris

JEE Containers: Websphere, JBoss, Tomcat.

Distinguished Technical Achievement Awards

- *R & D award for designing and implementing Task Based Security System for ECPIX (In production in National Clearing cell of 5 countries).*
- *R & D award for using MTOM in XPayments platform for exchange of large volume data*
- *R & D award for Integrating Image Mark Archive and NCompass archive with xPayments.*
- *Payments R & D award for integrating JBoss, Active MQ and OpenEJB for Consolidation Server.*
- *Quarterly Award for Aprta Remittance pilot and Aprta Remittance 1.0.*
- *R & D Award for Introducing Mule as a corporate ESB and using it for a Core Banking Simulator*

Enterprise Live Deployments and Support/ Training:-

- **Bank Of America** - Transaction Manager 5.0 with xPayments platform 1.1
- **Reserve Bank Of India/NPCI, SAMA, Central Bank Of Libya, Nigeria Interbank Settlement System, Ghana Central Bank** – Aprta Clear 3.0, 4.2 (ECPIX).
- **Royal Bank Of Canada** – Transaction Manager 5.1 with XPayments 2.0
- **Union Bank** – Transaction Gateway 1.0
- **Wells Fargo** – App 1.0 with XPayments 1.1

Professional Profile

CA Technologies –January, 2015 – Till Date
Sr. Principal Architect

Key Contributions

- Product Architecture, Design and Support, Product Ownership, Stakeholder Communication and Management, Product Roadmap, Technology Roadmap.
- CA Service Management Product Suite– Ownership of Architecture, Design, Performance and Data Analysis.
- Design and Development of middleware components across CA Release Automation, CA Unified Infrastructure Manager, CA Application Performance Manager and CA APM Team Center.
- Design and development of CA APM OSGi extensions for CA UIM.
- Design and Development of CA Push Notification Platform for Web and Mobile devices.
- Winner of “Start-a-Thon” for Ideating “Personal Robo Assist” – a voice enabled virtual assistant.

Core Technical Stack: - Java/JEE, Python, JavaScript, SaaS, Docker, Swarm, Kubernetes, Mobile App Development

NCR Corporation India Pvt. Ltd. – September 2005 - January, 2015

Software Engineer (2005 – 2006)/ Technical Lead (2006-2009)/ Software Development Technical Lead (2009-2012)/ Technical Solutions Architect (2012 – January,2015) – NCR Mumbai/NCR Hyderabad

Key Contributions

- **Architected and Shipped multiple versions of major global payments solutions:** -
 - *Remote Cheque Image Capture Solutions (Aptra Passport Web Edition 1.0, 1.1)*
 - *Cheque Consolidation and Gateway Solutions (Aptra Consolidation Server 3.8,, 3.10, Transaction Gateway 1.0),*
 - *Interbank Cheque Settlement Solutions (ECPIX 3.0, 4.0, 4.2)*
 - *Cheque Data Perfection Solutions (Transaction Manager 5.0, 5.1),*
 - *Payments Platform (xPayments 1.1, App 1.0),*
 - *Commercial Bank Solutions (CBS 1.0),*
 - *Remote Payments Solutions (Aptra Remittance 1.0, 1.1),*
 - *Disaster Recovery Suite 1.0 for ECPIX 4.0 and above including a Web 2.0 Administrative Console.*
- Leading product R & D, managing cross functional global teams to enable engineering best practices, enhance quality and productivity with reduced cost across organizations.
- Stake holder management, Pre-Sales, Project Management and scheduling and product enhancements in terms of technology and business.
- **Core Technical Stack:** - Core Java, JEE, Websphere, Adobe Flex, Oracle, Spring, Hibernate, .Net, Linux, SQL Server, UML

Xoriant Solutions Pvt Ltd. (Mumbai) (100% subsidiary of Xoriant Corporation, California, USA) – June 2005 – September 2005 - Senior Software Engineer

Key Contributions

- **Designed, Developed and Shipped multiple versions of the following solution:-**
 - ***Network and Database Load Balancing Solutions (Resonate - Global Dispatch, DB Dispatch).***
- Successfully delivered feature enhancements for “Resonate Global Dispatch” – JDK upgrade from 1.1 to 1.5, GD Manager, Log File Recycling, Integration with network monitoring module for live traffic, Latency measurement module and Network save point module. (Resonate Global Dispatch™ is a WAN-based, multi-site, service level control solution that provides high availability and optimum performance for geographically distributed mission-critical applications.)
- Successfully delivered “Resonate Monitoring” application which acts as a front end for controlling and configuring the core routing engine.

- **Core Technical Stack** :- Core Java, JEE, Java Swing

Intelsys Technologies Pvt. Ltd. – March 2001 – June 2005 – Technical Coordinator

Key Contributions

- **Designed, Developed and Shipped multiple versions of the following solution :-**
 - **Enterprise e-Learning Solutions (Enlitor),**
- Led engineering team to deliver Enlitor Live Collaboration - Enlitor – Linux Version (PHP/MySQL/Apache) , Learning Portal, Finvarsity.
- Got posted at NSE.IT (100% subsidiary of National Stock Exchange) for the development of Enlitor Live Collaboration module, Enlitor Linux Version and Finvarsity
- Worked with different VSAT providers like HECL, HCL Comnet, Comsatmax for deployment of the live collaboration platform on these networks.
- Server maintenance, Installation and network configuration of both Windows and Linux, Maintenance and administration of hosted portals which were powered by enlitor, Router and firewall configuration for the deployment of enlitor, Maintaining the server at MSBTE (customer for Enlitor Linux Version).
- **Core Technical Stack** :- Core Java, JEE, Websphere, JMF, Socket Programming, PHP, Linux, MySQL

El – Net 3L Pvt Ltd. Mumbai (Education Partner of CEP IIT Kharagpur) - Junior Executive – March 2000 – March 2001

Key Contributions

- Configuring and Maintaining the Corporate Intranet and Education Centre LAN, Server Installation and Maintenance. (Windows 2000 Advanced Server, Windows 2000 Professional, Linux.), Data Base Installation. (Oracle 8i, SQL Server 2000), Web Server Configurations (Apache, Java Web Server),
- Conducting Classroom and Corporate Training on Java and Advanced Java, Linux, Shell Programming and e-Commerce.
- Attended Training From CEP IIT Kharagpur on Java , Advanced Java, SCO UNIX, Linux, C, C++, Windows NT/2000, Datastructures and Computer Networks as a Trainee and got absorbed as a Junior Executive.
- **Core Technical Stack** :- Core Java, Linux, Shell Programming

Educational Qualification

Bachelor Of Science From University Of Caclutta

Training and Certification

1. CSPO - Scrum Alliance, License 000440920
2. Spring – VMWare
3. Maven – Sonatype
4. NCR University – Achieving Customer Delight

Public Profiles

<https://www.hackerrank.com/shouvikm>