**Saswati Chatterjee**

**Senior Developer**

## Software engineer with over 17 years of experience in various sectors including retail, commercial and investment banking. Extensive experience in back- and middle-office, and back-end application development – both on-prem and cloud-based environments. Experienced in the delivery of complex projects. Experienced in sub-team management, delivery oversight and requirements gathering. A proactive team member who brings an optimal mix of hands-on software development skills with analytical and communication skills.

**WORK EXPERIENCE**

**Role: Senior Developer**

**London Stock Exchange Group**

*Project:* *Fxall in Workspace*

*Dates: Feb 2023 - Oct 2024*

* Migration of trading features and capabilities of an existing FX Buyside trading platform to a next-generation platform
* Engaged with stakeholders and product owners to understand requirements.
* Design and develop software solutions.
* Writing test cases according to TDD practice and unit test.
* Performed integration and regression testing of new features developed prior to handover to the testing team.
* Demonstrating developed features to the stakeholders and product owners.
* **Tools**: MS Azure, Docker, Kafka, Redis, Core Java, Springboot, PostgreSQL, Avro, Maven, Git, RestAPI, Agile, Git Repos, Sonar, Jira, Datadog

**Role: Senior Developer**

**UBS**

*Project: Development of a new comparison app for risk datasets.*

*Dates: April 2021 – Jan 2023*

* Engaged with stakeholders to understand requirements, design and develop features
* Scrum master of the project.
* Writing user stories in Jira.
* **Tools:** MS Azure, Scala, Databricks, Spark, Azure Cosmos DB, Agile, Git Repos

**Role: Senior Developer**

**Morgan Stanley**

*Project: Conversion of legacy Valuation Adjustment Calculations*

*Dates: Dec 2015 – Mar 2021*

* Lead developer on project to convert various legacy valuation adjustment calculations to improved framework-based calculations to enable improvement in robustness and enforcement of automated quality controls
* Regular stakeholder engagement to understand requirements and to provide progress updates
* Generation of weekly reports for senior management.
* **Tools:** Scala, Oracle, Agile

**Role: Developer**

**Deutsche Bank**

*Project: Build application to perform Portfolio Stress Testing*

*Dates: Oct 2012 – Nov 2014*

* System analysis of the existing Excel-based Portfolio Stress Testing application.
* Stakeholder engagement to gather client reporting requirements.
* Developed of the Hadoop based application.
* **Tools:** Hadoop, Java, Oracle, Excel

**Role : Software engineer**

**Goldman Sachs**

*Project: Build a Margin Calculation and Reporting Application for Risk in the Global Security Services team.*

*Dates : Dec 2007 – Sep 2012*

* Development and testing of the new margin calculation and reporting application
* **Tools:** Java, Spring, Hibernate, Sybase

**Role : Software engineer**

**Bank of America**

*Project: Development of a PnL reporting application*

*Dates : May 2007 – Nov 2007*

* Development and testing of the new PnL application
* **Tools:** Java, Spring, Hibernate, SQL Server

**Role : Developer**

**Infosys Technologies LTD, Bangalore, India**

*Project: Finacle development*

*Dates : 2006 – 2007*

* Development and testing of the Finacle retail and commercial banking product*.*
* **Tools:** C, C++, Oracle, PLSQL, Unix, Shell Scripts,

**LICENSES & CERTIFICATIONS**

* Google Certified Professional Cloud Architect (Jun 2021)
* Prince2 Certified Scrum Master (Jul 2013)

**TECHNICAL SKILLS**

**Public Cloud:** MS Azure

**Programming language :** Core Java, Scala, C++, C

**Frameworks/Libraries:** Springboot, Spring, Hibernate, Spark

**Databases:** Oracle, PostgreSQL, MS SQL Server, Sybase, Cosmos DB

**Containerization:** Docker, Kubernetes, Helm

**CI/CD builds:** GitLab, GitHub, Jenkins, Sonar, Teamcity, Azure DevOps, Jira, Maven, Ant

**Methodology:** Waterfall, Agile, Scrum, TDD, Clean Code Techniques

**Messaging :** Swift, Kafka

**OS:** Windows, Linux

**Protocols** : JSON , REST

**Domain:** Banking, Finance

**Other Tools:** Databrick, Confluence