# Romil Parekh

2566 Essex Drive, Northbrook, Illinois - 60062 • (312) 465-9568 • parekh.romil@gmail.com

**Experience**

**Chicago Mercantile Exchange,** Chicago, IL Feb 19**-** Current

Director – Post Trade Services & Optimization

* Design & validate product pricing and cash compensation approach for conversion of IBOR swaps into RFR swaps due index cessation event.
* Design coupon blending for varying fixed rates & spreads to reduce gross notional.
* Design & validate product pricing, risk exchange & curve construction approach for discounting transition.
* Build and maintain relationships with Pricing vendors, clearing member firms, clients and partner exchanges for strategic launch of products.
* Design business workflows for upcoming markets events to facilitate smooth product transition.
* Prioritize KBIs and maintain backlog of other initiatives to maximize catering of business needs.
* Work in collaboration with technology, Quant risk, Client Services and Pricing team to bring the designed solutions to the markets.

**Chicago Mercantile Exchange,** Chicago, IL Oct 16**-** Feb 19

Manager – Clearing Business Solutions

* Design solution & develop services for options compression providing capital efficiencies to market makers and clearing member firms.
* Maintain business workflows for existing products to facilitate product clearing across various FCM at CME.
* Provide business requirements to companies’ facilitating as platforms to CME for incoming trades.
* Provide business requirements to technology teams to align CME pricing to market-based pricing for OTC cleared IRS and FX products.
* Work with Quant Risk Research, Client Services, Pricing & Valuation teams for launching new OTC cleared products.
* Prepare and present overview of OTC cleared products & services to Clearing member firms, CME clients and partner exchanges.

**Chicago Mercantile Exchange,** Chicago, IL Sep 12**-** Sep 16

Associate/Manager - Pricing and Valuation

* Design solution & develop services for options compression providing capital efficiencies to market makers and clearing member firms
* Maintain business workflows for existing products to facilitate product clearing across various FCM at CME.
* Provide business requirements to companies’ facilitating as platforms to CME for incoming trades.
* Provide business requirements to technology teams to align CME pricing to market-based pricing for OTC cleared IRS and FX products.
* Work with Quant Risk Research, Client Services, Pricing & Valuation teams for launching new OTC cleared products.
* Prepare and present overview of OTC cleared products & services to Clearing member firms, CME clients and partner exchanges.

**Chicago Mercantile Exchange,** Chicago, IL Sep 12**-** Sep 16

Associate/Manager - Pricing and Valuation

* Lead team of 5 on multiple development projects for Default Management System and IRS, FX & Swaption settlements process.
* Pricing and Valuation of OTC cleared products, mainly Interest Rate Swaps, Swaptions, FX and FX Options.
* Designed & maintained automated systems for EOD settlements of Interest Rate Swaps, Swaptions, FX & FX Options using Calypso, Excel, UC4, SQL, C#
* Built Default Management System for Pricing and Risk Management of OTC cleared Interest Rate Swaps and Swaptions.
* Assured timely settlements of EOD IRS curves, Swaptions Volatility Cube and FX forward Curves on daily basis.
* Resolved pricing discrepancies and presented on OTC pricing related topics to internal teams and customers.
* Assisted with historical data cleansing and analysis, which is used to calibrate HVAR models.
* Presenting on settlement methodologies and processes to regulators including the CFTC, Federal Reserve and SEC.

**Chicago Mercantile Exchange,** Chicago, IL Apr 12**-**Sept 12

Quantitative Risk Research Intern

* Assisted team in setting up of tables and various procedures in MS-SQL for USD Swaptions to get Data in the required format.
* Performed rigorous testing of the in-built pricer against Calypso for IRS swaps with different conventions, OIS, Basis swaps.
* Assisted the team with making presentations for risk forums for OIS and Zero-Coupon swaps.

**Tata Consultancy Services,** Mumbai, India Feb 09-Dec 10

Assistant Systems Engineer

* Applied Configuration changes & functional customization to the Oracle E-business suite using User hook, Personalization, Custom.pll.
* Worked on process improvement of the Oracle E-business suite application as per Six Sigma standards.
* Performed Impact Analysis in order to evaluate degree of impact on application due to various customization and configuration changes.
* Train junior members of the team for project tasks and monitoring of jobs.

**Meckon Computers,** Mumbai, India Jul 08 – Jan 09

*Software Developer*

* Designed the flow of web pages where students would be able to view and take different tests, and view their record history
* Designed Entity Relationships Diagram and made database using Oracle 9i

**Technical Skills & Certification**

* **Financial Pricing Systems:** Calypso, Numerix, Bloomberg
* **Oracle Applications and E-Business Suite:** Oracle 11i
* **Database:** Oracle 12g, MS SQL
* **Languages Studied:** C, C++, Basic Java, Basic C#, PL/SQL, Python
* **Application:** Microsoft Office, Confluence, Jira Borad
* **Certification:** Northwestern Bootcamp for Fintech, TCS certification on completion of Six Sigma Project and Green Belt Exam

**Education**

* **IIT Stuart School of Business, Chicago, IL Jan 11 - May 13**

Master of Science in Finance degree, GPA: 3.45

* **SAKEC, Mumbai University, Mumbai, India Aug 04 – May 08**

Bachelor of Engineering in Information Technology, First Class

**Awards and Recognition**

* **PATENTS: 1.** OTC NDIRS BRL product clearing (Pending) **2.** Business solutions for Options compression (Pending) **3.** Coupon blending for varying Fixed rates & spreads to reduce gross notional.
* **CME:** Excellence awards **1.** Intellectual Curiosity **2.** Exemplary teamwork **3.** Automation of FX **4.** Swaptions Default Management Drill **5.** Deliver CME specific Curve **6.** Launch BRL Swaps **7.** Launch USD Swaptions **8.** Launch INR/KRW swaps **9.** Options compression
* **TCS:** **1.** Ops Excellence Award from client General Electric Corp **2.** Stretch Award from client General Electric Corp