**GIRISH DWIVEDI**  
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**PROFESSIONAL SUMMARY**

Results-driven **Technology Leader** with **25+ years of experience** in **Fixed Income & Derivatives Trading Systems**, specializing in **CDS electronic trading, risk management, and regulatory compliance**. Adept at defining product roadmaps, leading cross-functional teams, and delivering **scalable e-trading solutions**. Deep knowledge of **CDS trading, market structure, FIX protocol, and electronic execution workflows**. Proven expertise in integrating **Bloomberg TSADF, Bloomberg BVAL, MarkIT, ICE Link**, and other trading platforms. Strong technical leadership in **low-latency trading architectures, microservices, WebSocket, and SSE**. Skilled at engaging with traders, quants, and regulators to drive **innovation and business growth**.

**EXPERTISE**

* **Product Strategy & Roadmap** – Driving the vision and execution of **Fixed Income & Derivatives Trading Systems**.
* **CDS Trading & Market Structure** – Deep understanding of **single-name CDS, CDS indices (CDX, iTraxx), and CDS options**.
* **Electronic Trading & FIX Protocol** – Experience in **RFQ workflows, order routing, liquidity aggregation, and SEF integration**.
* **Regulatory & Compliance** – Expertise in **FRTB**, **Dodd-Frank, MiFID II, TRACE reporting, Basel III, and SEF trading mandates**.
* **Technology & Architecture** – Low-latency trading platforms, event-driven architectures, Java, .NET, MongoDB, Redis, WebSocket, and SSE.
* **Stakeholder Engagement & Business Growth** – Collaborating with sales, trading desks, and compliance teams to increase adoption.

**PROFESSIONAL EXPERIENCE**

**HSBC Securities – New York, NY** (2005 – Present)

**VP Fixed Income Risk & Trading Systems**  
 *(Worked as a consultant via E-Business International Inc. from Sep 2005 - Oct 2007, then joined full-time.)*

* **Led product strategy and development** for CDS electronic trading platforms, enhancing execution efficiency and regulatory compliance.
* Designed and implemented **CDSBondTrader and ICE Explorer**, integrating with **ICE Link, MarkITWire, and Bloomberg TSADF** to streamline **CDS trade processing**.
* Developed **RFQ-based electronic trading workflows**, reducing execution time by **30%** and improving liquidity sourcing.
* Worked closely with traders and quants to optimize **CDS pricing models and risk analytics**.
* Integrated **FIX protocol** for **CDS quote submission to ICE,** **order execution, post-trade workflows, and market data connectivity**.
* Ensured **full regulatory compliance**, implementing **FRTB**, **TRACE, MiFID II pre-trade transparency, and CFTC SEF mandates**.
* Acted as a **bridge between technology, trading desks, and compliance teams**, ensuring business needs aligned with tech execution.
* **Integrated with internal and external platforms** (Calypso, Sumit, Tradeweb, MarketAxess, ICE)

**Key Achievements:**  
**Stakeholder Collaboration & Strategy**

* Acted as the primary technology liaison for Fixed Income Trading, providing strategic insights to global business leaders.
* Led weekly status meetings with traders, risk managers, and operations teams, ensuring seamless communication between technology and business teams. Represented my domain in monthly PSC meetings.
* Presented platform enhancements, trading analytics, and regulatory updates to senior leadership, driving decision-making and system optimizations.

**Regulatory & Compliance Integration:**

* Led the development of Dodd-Frank/Volcker Rule reporting systems, ensuring compliance with US and UK regulations.
* Designed automated liquidity risk and capital adequacy reporting tools, ensuring alignment with CCAR, Basel III, and FRTB.

**Leadership & Team Management:**

* Managed 15-20 onshore and offshore developers, driving Agile software development and CI/CD implementations.
* Led cross-functional teams, collaborating with traders, quants, risk managers, and compliance teams to align technology solutions with business needs.
* Conducted code reviews, mentorship sessions, and technical training for junior developers, fostering a culture of innovation and technical excellence.

**Software Architecture & Development:**

* Designed and implemented low-latency, event-driven trading systems using Java, .Net, Scala, React, MongoDB, Redis, REST, WebSocket, and SSE to support real-time trade execution, risk analytics, and pricing calculations.
* Developed multi-threaded pricing engines and risk computation modules, improving risk update speeds by 40%.
* Built a distributed caching strategy using Redis, reducing database queries by 50% and enhancing system performance.
* Integrated Kafka and ActiveMQ/Solace for asynchronous trade processing, reducing trade propagation delays.

**Neuberger Berman LLC – New York, NY**

**Senior .Net Consultant** (2004 – 2005)

* Designed and developed Portfolio Resources, a comprehensive suite of financial modules, enhancing account and securities management.
* Built Prism 2000, a digital dashboard providing account status, cross-referencing capabilities, summary reports, and PMR insights.
* Developed Institutional, a module for managing institutional accounts and mutual fund performance, facilitating reporting and analysis.
* Enhanced Trading Reports, delivering real-time business day reports to improve trading decision-making processes.
* Worked on Merrin, a trading software enabling brokers to execute trades online efficiently.

**Prudential Financial – Newark, NJ**

**Senior .Net Consultant** (2004 – 2005)

* Developed financial applications to **track structured loan portfolios and mortgage securities**.
* Implemented **risk reporting tools for liquidity and capital adequacy assessment**.

**Early Career (1999-2004)**

**Roles at Siemens, Mastek, PMAM, and Datacomp Web Tech focused on:**

* Developing financial applications for Fixed Income, Equities, and Trading platforms.
* Implementing ASP.NET, C#, SQL Server, COM+ components, and BizTalk.
* Optimizing database performance and implementing message queues (MSMQ, BizTalk).

**TECHNICAL SKILLS**

* **Programming Languages:** Java, C# .NET, Scala, React, Python, JavaScript, ASP.Net, Angular, Excel VBA
* **Data Platforms**: SQL Server, Sybase, MongoDB, Redis, PostgreSQL
* **Trading Platforms & Market Data:** Bloomberg TSADF, MarkIT, ICE Link, Tradeweb, MarketAxess
* **Integration & Messaging:** FIX Protocol, Solace, ActiveMQ, WebSocket, SSE
* **Regulatory Compliance:** FRTB, Dodd-Frank, MiFID II, TRACE, SEF Trading, Basel III
* **Cloud & DevOps:** Google Cloud, Docker, Kubernetes, Jenkins

**EDUCATION**

**Mumbai University – Mumbai, India**  
Bachelor of Computer Science (1999)