


# Jessish Pothancheri

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Profile: <https://jpothanc.github.io/>

Equities Front Office Solutions Technical and Delivery Lead with 20+ years of experience in designing, implementing and optimising technology solutions for an investment bank. My expertise lies in understanding the unique challenges of the equities front office environment and delivering innovative solutions that drive revenue generation, lead high-performing teams, optimise trading processes, reduce operational risk, and improve the overall client experience.

## Expertise

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In-depth understanding of equities front office functions, including sales and trading, program trading and electronic trading.

Proven ability to lead cross-functional teams and foster collaboration, innovation, and a growth mindset in fast-paced trading environments.

Strong collaboration skills, with a history of successfully partnering with trading desks, operations, compliance, and technology teams.

Strong track record of delivering complex projects on time using Agile, Scrum, and other project management methodologies

As a proactive leader, I am dedicated to fostering a positive team culture, focused on continuous improvement, innovation, and collaboration.

Strong leadership and communication skills to effectively mentor and manage a team of developers, collaborate with stakeholders, and contribute to the organisation's overall success.

Strong work ethic with innovation and collaboration.

Exceptional production environment ownership.

Consistently recognised as a top performer throughout the 19+ years with Credit Suisse, showcasing exceptional skills and dedication.

Led and successfully oversaw the multi-year migration of an equities Order Entry platform in the APAC region.

Winner of Hackathon and proven history of successfully transforming event ideas into products that delivered tangible benefits to business.

Well-versed in design patterns, SOLID principles, and software architecture best practices to ensure maintainable and scalable code.

Track record of identifying process inefficiencies and delivering innovative solutions.

## Skills

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**Technology:** .NET Framework, NET 6, C#, Java, React (TypeScript), Oracle, Sybase, Mongo, Postgres, Redis, Python, OpenShift, GraphQL.

**Development Practices:** DevOps/, Agile/SCRUM, TDD/BDD, CI/CD

**Unit/Integration Test:** NUnit, xUnit, xUnit, Specflow.

## Work Experience

### Lead APAC Front Office Applications | Credit Suisse | 2016 - To date,

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I currently serve as the Technical and Delivery Lead for the Front Office technology team, overseeing mission-critical applications across Order Management, Program Trading, and IOI teams. In this capacity, I am entrusted with managing and steering these vital applications to ensure their optimal performance. Collaboration is at the heart of my role. I work closely with diverse teams, including support, compliance, business, and IT, to swiftly address system issues or incidents. This cooperative approach ensures that our technology ecosystem functions seamlessly, meeting both operational and regulatory requirements. I actively participate in software development projects, where I take a hands-on approach in designing, developing, and testing software code. I prioritise scalability, reliability, and regulatory compliance in our technology solutions, emphasizing the importance of maintaining a production environment of exceptional quality. A significant part of my journey has been guiding our team through a transformative process. I introduced agile methodologies, which have enhanced our adaptability and responsiveness. We also adopted DevOps practices, streamlined our operations with the establishment of robust CI/CD pipelines, and harnessed the power of the bank's platform-as-a-service (Openshift) to efficiently develop and deploy microservices. The ongoing transformation journey not only reflects my professional growth but also symbolizes our collective pursuit of excellence in technology.

**Technologies:** C#, .Net 6, Redis, GraphQL, Mongo, Sybase, Oracle, PostgreSQL, BitBucket, Openshift, Grafana, SonarQube, Jenkins

### Lead APAC Order Management Platform Migration | Credit Suisse | 2011 - 2014

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I had the privilege of spearheading the critical APAC Order Management platform migration – a multi-million-dollar project spanning several years. This endeavor marked a turning point, as we assembled a dedicated team, unified by a shared vision of transformation. Over the course of three intense years, we undertook the formidable task of transitioning from the legacy VC++ platform to a modern C# based system. This migration presented a series of formidable challenges that tested the limits of our collective skills and determination. It was, without a doubt, the most demanding project in my career, but it was precisely this challenge that fueled our innovation and commitment. The

culmination of our hard work and tenacity was a triumphant rollout of the new application, now serving over 400 users across 12 locations. This success not only represented a technological milestone but also a testament to our unwavering dedication to excellence. The project's significance resonates not just in its technical achievement but in the invaluable lessons it imparted and the bonds formed within the team. It underscored our ability to adapt, persevere, and collaborate, forging a brighter future for our organization's technological landscape.

**Technologies:** C#, Sybase, Oracle

### **Lead APAC Order Management System | Credit Suisse | 2006 - 2011**

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I was given the responsibility to lead the mission-critical APAC order management system, which represented a pivotal moment in my career. This role allowed me to navigate a multitude of challenges and adapt to various changes effectively. I focused on increasing the application's capacity and throughput, achieving significant improvements. Over time, I successfully stabilized the product, ensuring its reliability and performance. This experience marked a transformative leap in my professional journey, enabling me to develop crucial leadership skills. It also instilled in me the ability to thrive in a dynamic and demanding environment. I take pride in the accomplishments of enhancing the system's efficiency and ensuring its mission-critical status. This role has been a valuable stepping stone, offering valuable insights and lessons for my career growth.

**Technologies:** VC++, Sybase, Oracle

### **Electronic Market Making | Credit Suisse | 2005 - 2006**

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I worked as a developer on an Electronic Market Making application, where my role involved designing and implementing innovative trading strategies to enhance the platform's capabilities.

**Technologies:** C#

### **Japan Margin Trading | Credit Suisse | 2005 - 2006**

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Developed an Equities Margin Trading System designed to facilitate trading in equities (stocks) with the use of margin, which allows traders to borrow funds to amplify their investment positions.

**Technologies:** Java (web UI), VC++ (back-end)

## Front Office Automation | Optimum Solutions | 2004-2005

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Developing various tools for front office automation. The most important being an Excel macro automation tool developed in VC++. This tool features a plugin-based architecture for parsing client-order Excel files from Outlook. It offers seamless integration with Outlook, automatically extracting data from emails or attachments. The parsed data was then efficiently transferred to a Front Office System (FOS) application, streamlining the order management process. The tool's automation, pattern recognition, data validation, and user-friendly interface contributed to improved operational efficiency and accuracy in handling client orders. This tool received praise from the APAC IT Head for its innovative approach and capabilities.

**Technologies:** VC++, VBA, Oracle

## Software Developer | Enventure Solution | 2000-2004

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Developing software in the Electronic Design Automation domain for a prestigious client called Cadence Design Systems.

**Technologies:** VC++, Java, VBA, Oracle

## Skills and Achievements

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- Investment Banking
- EquitiesOrder Management
- Consistent Top Performer
- Hackathon Winner

## Articles

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- [React-Inversify](#)
- [React-Rxjs](#)
- [K6 Load Testing](#)
- [Publish React lib to npm](#)
- [Creating and Uploading Python Libraries](#)
- [Python Through Microservice Development](#)
- [Desktop Apps using Tauri](#)
- [Desktop Apps using Electron](#)
- [Chating with OpenAI](#)
- [AI Assitant using RAG](#)

## Git

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- [Dynamo](#)
- [AuthMe](#)
- [WebQ](#)
- [Datastore](#)
- [HealthCheck](#)
- [Hero](#)
- [Pulse](#)
- [Nuget Packages](#)