

# YU CHANGQUAN

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## PROFESSIONAL SUMMARY

Strategic Engineering Leader with over 14 years of experience in the financial services sector. Proven track record in driving the architecture of enterprise-grade platforms, leading up to 3 cross-functional squads, and spearheading cloud-native transformations. Experienced in Investment Banking and Wealth Management technology, including automatic pricing, risk management, and the integration of AI-driven development tools to maximize engineering velocity.

## CORE COMPETENCIES

- **Leadership:** Strategic Direction, Squad Management, Mentorship, Talent Development.
- **Architecture:** Scalable Cloud Microservices, Cloud-Native (AWS/OCP)
- **Technology:** Kotlin, ReactJS, TypeScript, Java, C#, AWS (EKS, Lambda, ASM), OpenShift (OCP).
- **Strategy:** AI Tool Adoption (GitHub Copilot), CI/CD Automation, DevOps Excellence, Stakeholder Advisory.

## PROFESSIONAL EXPERIENCE

**VP, GIC** | Feb 2023 – Present

- Drive strategic architecture and solutioning for the Corporate Services platform, ensuring enterprise-grade scalability and resilience for high-stakes business operations.
- Established and scaled three high-performing full-stack squads, fostering a culture of technical excellence, innovation, and continuous mentorship.
- Championed cloud-native transformation by implementing EKS, ASM, and Lambdas, while orchestrating a total stack migration from GitLab to GitHub to enforce rigorous CI/CD standards.
- Act as a Key Technical Advisor to the Director of Technology, influencing enterprise-wide strategy and leading the adoption of AI tools like GitHub Copilot and Ona to optimize velocity.
- Align technological roadmaps with evolving business objectives, ensuring the delivery of complex, full-stack solutions that underpin critical corporate functions.

**AVP - VP, Credit Suisse AG (Singapore)** | May 2018 – Feb 2023

- Led the engineering of a suite of automatic pricing applications servicing multiple global business lines and regions, with a focus on Equities Derivative products.

- Managed application infrastructure and successfully migrated critical platforms to OpenShift (OCP), ensuring high availability and strict audit compliance.
- Managed global stakeholders, acting as the primary technical bridge between Sales, Structuring teams, and Engineering to deliver complex wealth management solutions.
- Oversaw team deliverables for technical solutions, maintaining production stability for high-volume trading and pricing environments.

**Software Design Engineer, BitTitan SG Pte Ltd | April 2017 – March 2018**

- Designed scalable automation solutions for the migration of enterprise cloud services, working closely with Technical Program Managers to drive engineering lifecycles.

**Technical Analyst, Credit Suisse AG (Singapore) | Feb 2012 – April 2017**

- Developed a global risk aggregation platform for Fixed Income, utilizing strategic components to handle high-frequency data.
- Customized core bond trading software to handle increased transaction volumes, improving performance and reliability for front-office desks.
- Commended by the APAC CIO for the development of 'My Workforce,' a simulation solution that far exceeded management expectations.

## TECHNICAL PROJECTS

- Automatic Quoting System (Credit Suisse): Lead Engineer; utilized Kotlin, ReactJS, Docker, and OpenShift.
- Collateral Monitoring System (Credit Suisse): Designer and Lead Engineer using Kotlin and ReactJS.
- MS Exchange & VMWare Migration (BitTitan): Implemented proof-of-concepts for Azure-based migration systems using C# and Azure APIs.

## EDUCATION & ACHIEVEMENTS

**Bachelor of Engineering, Computer Science | Nanyang Technological University**

- Dean's List (Top 5% of cohort); Nanyang Scholarship recipient

**Diploma with Merit, Biomedical Engineering | Ngee Ann Polytechnic**

- ST Electronics Gold Medal (Most Outstanding Graduate)
- AAA Performance Rating | Credit Suisse AG, 2012 (Top Performer Technical Analyst)

## TECHNICAL SKILLS

Languages: Kotlin, Java, C#, TypeScript, JavaScript, SQL

Frameworks/Tools: ReactJS, Spring, WCF, AngularJS, MSSQL, GitHub Copilot