

Bob Heuman

Financial Services Technology & Operations Professional



Bob is an innovative financial services Technology & Operations professional with extensive experience designing and building globally distributed financial systems. He has managed international software development teams for startups and top-tier investment banks.

Bob earned his Bachelor of Science in Computer Science from the Massachusetts Institute of Technology.

Highlights

- Experienced in systems and data architecture for high volume, highly resilient, secure, real-time applications.
- Knowledgeable in end-to-end systems architecture including network protocols, messaging, distributed applications, and data storage technologies.
- Has worked effectively with groups across the enterprise including trading, application development, infrastructure, audit, risk, and enterprise reference data to ensure that systems deliver the desired functionality to all users and satisfy the diverse needs of users in the highly regulated Financial Services industry.

Professional Experience

- Built the global equity trading platform for a top Wall Street bank, processing a significant percentage of the world's daily equity trading volume in New York, London, Tokyo, Hong Kong, and Frankfurt. (DB)
- Designed and deployed an algorithmic trading platform marketed as Autobahn, allowing clients access to the same trading algorithms used by the firm's Program Trading desk. (DB)
- Developed and executed 5-year plan to modernize and consolidate an aging and fragmented Capital Markets technology platform. (Morgan Stanley)
- Led a team developing an early website for investment banking clients. (Goldman Sachs)
- Managed software development for a Silicon Valley startup where we developed over a dozen highly customized trading systems for top-tier investment banks around the world. The systems featured embedded risk models, allowing traders to hedge risk in real-time. (Iris Financial Engineering & Systems, Inc)

Expertise

Key Skills

- IT Architecture
- Risk Architecture
- Reg SCI/Operational Risk
- Equity Trading Systems
- Internal Audit
- BCBS 239
- Fixed Income Trading Systems
- Root Cause Analysis
- OATS/CATS/ACT Reporting
- Algorithmic Trading Systems
- OMS Design
- Basel II Time Synchronization