Security at QCon San Francisco 2025

Sessions

Confidently Automating Changes Across a Diverse Fleet

Monday Nov 17

Maintaining up-to-date and secure software across a polyglot fleet is a challenge for any engineering organization. Manual migrations and urgent updates disrupt productivity and require coordination across many teams.

Casey Bleifer

Senior Software Engineer @Netflix

Building Resilient Platforms: Insights from 20+ Years in Mission-Critical Infrastructure

Monday Nov 17

In this talk, Matthew will describe lessons learned from over 20+ years of building scalable, secure and stable infrastructure platforms for software in financial services (electronic trading, credit card processing etc.), the talk is relevant to anyone building platforms for mission-critic

Matthew Liste

Head of Infrastructure @American Express, Previously @JPMorgan Chase and @Goldman Sachs

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Architecting a Centralized Platform for Data Deletion at Netflix

Monday Nov 17

What does it take to safely delete data at Netflix scale? In large-scale systems, data deletion cuts across infrastructure, reliability, and performance complexities.

Vidhya Arvind

Tech Lead & a Founding Architect for the Data Abstraction Platform @Netflix, Previously @Box and @Verizon

Shawn Liu

Senior Software Engineer @Netflix, Building Reliable and Extensible Systems for Consumer Data Lifecycle

at Scale

The Ironies of A^2 I^2

Wednesday Nov 19

In this talk, we'll explore some of the "ironies" of automation—and now, artificial intelligence—in their interactions with software operators (i.e. you), especially during high consequence, high tempo situations (aka incidents).

J. Paul Reed

Staff Incident Operations Manager @Chime

Trustworthy Productivity: Securing AI-Accelerated Development

Wednesday Nov 19

Autonomous agents operate in a continuous loop: perceive context reason execute tools observe. Each edge creates distinct attack surfaces. This talk maps vulnerabilities—memory poisoning in context ingestion, goal hijacking during reasoning, blind execution at the action stage.

Sriram Madapusi Vasudevan

Senior Software Engineer @AWS Agentic AI, Previously Core Team @AWS SAM, AWS Cloudwatch, Core Developer @Openstack