

Title

Changes Impending the Software Testing Industry

Speaker(s)

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To whom is the presentation addressed?

Test managers , Head of QA and testing community

Keywords

planning risk coverage, designing frameworks, automating test case generation.

Abstract

The software testing industry is witnessing major changes – technology-wise as well as business-wise. The technology changes in testing have been continuous and are being driven by (a) business needs centred around cost reduction, quality improvement and time-to-market improvement and (b) technological advancements in the field of software on the large. The global economic recession has added an entirely new dimension to the process of change, that of pace.

The result will be a paradigm shift in the way IT teams approach testing and the way testing industry operates.

Thanks to the fast-evolving technology trends, testing is becoming more complex by the day. It will necessitate fundamental changes in the way testing companies perform testing, source testing skills and deliver testing projects. The technology divide between developers and testers will blur. Testing will become more automated and integrated into the software development lifecycle. It will become top-heavy with more time and effort spent on planning risk coverage, designing frameworks and automating test case generation. Testing firms will have to invest heavily on R&D to support the technology initiatives. On the business side, low cost and abundance of low-end skills will cease to drive the growth of testing industry. Thrust will be on delivering business competitiveness through high-end skills and innovation.

Biography

Srinivasan Krishnakumar works as a Test Delivery Manager in Cognizant Technology Solutions and manages a variety of QA projects with respect to quality, schedules, resources and risks. He has 12+ years of IT experience and brings in industry experience spanning multiple roles and industry domains including Retail, Investment Banking, technical Consulting and Management consulting. Global IT industry experience touches numerous functions including business analysis, process re-engineering, concurrent multi-project delivery management, management of large application maintenance and transformational deals, sales management and leadership in complex cross-functional & global team matrix environments.

Having done his Bachelor's in Business Administration and Master's in Business Administration,
Krishnakumar is currently pursuing his Ph.D in Technology Innovation as a part-time research
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