

Architecture Evolution Activity

Based on your reading this week, could you write a section that might be appended to this paper, Salah et al, 2016, which would present the next phase of evolution history, from microservices to the technologies which are commonly in use today?

The next phase of evolution history after microservices is the use of technologies that are commonly in use today. Rajesh states that the evolution is driven primarily by emerging technologies such as 5G, artificial intelligence, and cloud computing. These technologies include containerisation (Docker), orchestration (Kubernetes), serverless computing (AWS Lambda), and API gateways (Kong). These technologies have made it easier to build and deploy microservices-based applications at scale.

A report from the McKinsey Global Institute, names 12 disruptive technologies that could drive massive economic transformations and disruptions in the coming years. These technologies include advanced oil and gas exploration, advanced robotics, next-generation genomics, energy storage devices or physical systems, autonomous and near-autonomous vehicles, 3D printing, advanced materials, and recovery, renewable energy, wireless charging for mobile devices, agricultural robots, natural language processing (NLP), and virtual and augmented reality.

References

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Disruptive technologies: Advances that will transform life, business, and the global economy

<https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/disruptive-technologies>

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