

TOP 5 CONSIDERATIONS
for CIOs

Deploying composable applications as part of a digital transformation

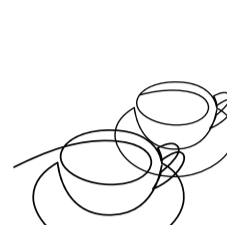
Modular Architecture

Embrace the modular race

For a seamless change of pace

Building applications using modular components allows for flexibility and scalability. Design and implement a microservices architecture where each module performs a specific function.

Bottom line: Enhance system adaptability and enable rapid deployment of new features. Amazon uses a microservices architecture to manage its vast e-commerce platform, enabling it to scale and adapt to market demands efficiently.



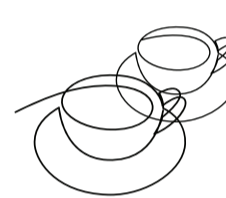
Reuse and Recycle Code

Realign the feel

Don't remake the wheel

Leveraging reusable code components reduces development time and effort. Establish a repository of reusable code modules and encourage their use across different projects.

Bottom line: Increase development efficiency and consistency across applications. GPTs significantly reduce the requirement for rigorous documentation and maintenance of the code repository. Spotify use of reusable code components sees them quickly develop and deploy new features while maintaining high-quality standards.



Rapid Prototyping and Innovation

Learn with speed, lead with need

Fast to learn, competitors' concerns

Composable applications enable rapid prototyping and experimentation.

Bottom line: Implement a framework for quickly assembling and testing new application features, using existing components to accelerate innovation and time-to-market for new products.

Uber leverages composable applications to speed up prototypes and roll out new features, enhancing their service offerings in a competitive market.



After 30+ years of experience...

“ Composable application development has revolutionised our software development and releases, enabling us to build and adapt systems with unprecedented flexibility and speed.

Plus, it's like playing with Lego bricks, but for grown-ups with real-world impact!

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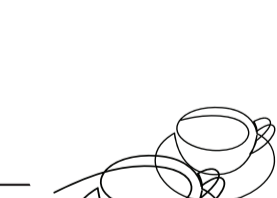
Enhanced Collaboration

Teamwork's clutch, alone can't do much

Together we soar, alone we do poor

Modular components facilitate collaboration among development teams. Create cross-functional teams focused on developing and maintaining specific modules.

Bottom line: Improves teamwork and aligns development efforts with business objectives. Netflix's engineering teams collaborate on modular components, enabling them to innovate and scale their streaming services effectively.



Improved Maintenance and Updates

Improve today, don't delay

Step by step, avoid the perfect prep

Composable applications simplify the maintenance and updating process. Implement a CI/CD pipeline to automate the integration and deployment of updates to individual modules.

Bottom line: Reduce downtime and ensure continuous delivery of improvements. Salesforce uses a modular approach to its CRM platform, allowing for seamless updates and maintenance, ensuring high availability and performance.



Like to delve into, dissect or draw on my experience over a coffee — let's set up a time...

