QAOps - Latest Trend in QA & Software Delivery
Who am I?
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The commonly accepted definition of DevOps is the delivery of application changes at the speed of the business.

QAOps refers to maintaining software quality by approaching it with a DevOps mindset.

QAOps framework increases the collaboration between the QA engineers and developers. QA engineers must work closely with software developers, operations personnel, and everyone involved in the CI/CD pipeline.
Automated testing
One of the most reliable methods for software testing

Parallel Testing
This is used to test multiple parts or components of the application at the same time. The testing process for each component should be independent of the others.

Scalability Testing
Test’s the application’s behaviour when it is scaled up or down. Helps you understand how your product behaves under different request loads.

Integrating DEV and OPS with QA

Integrated team - Strong collaboration of teams that work at the project
QAOPS EXAMPLE - CSV SUCCESS STORY

ZALENIUM

= ⬤ + 🐬

docker

docker

Selenium Hub

docker

Selenium Hub

docker

Selenium Hub

docker
QAOPS - WHY IT MATTERS

➔ Faster Software Development Cycle

➔ Keeps the testing team continuously engaged

➔ Collaboration

➔ Higher level of quality and reliability
The synergy between Manual and Automation testing for a retail app improved the testing process efficiency even if the total number of test cases significantly increased by enabling new features.

The results we got after one first year of using automation allowed us to reduce the sprint length from 4 to 2 weeks.