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Shift-Left & Shift-Right Testing: A Balanced Approach to QA

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🔄 **Shift-Left Testing:**

- Focuses on **early defect detection** by integrating testing at the beginning of the **SDLC**.
- Prevents issues rather than fixing them later, reducing costs and improving software quality.
- Uses practices like **unit testing, static code analysis, and CI/CD automation.**

🔄 **Shift-Right Testing:**

- Involves **testing in production** to monitor real-world performance and user experience.
- Uses techniques like **canary releases, A/B testing, and chaos engineering** to ensure stability.
- Helps identify **post-deployment issues** that may not surface in traditional testing.

📌 **Why does it matter?** A combination of both ensures **faster, more reliable, and high-quality software delivery** by preventing defects early and continuously monitoring performance in production.

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