Case Study

Spotting Defects Before They Strike

Cost Savings for a Major UK Broadcaster

Client background

A British public service broadcaster headquartered in London, England, and established in 1922. As the oldest and largest local and global broadcaster, the client faced challenges due to the growing volume of defects and incidents impacting their operations.

Challenges

- Analyzing a large volume of defects, incidents, and tickets was time-consuming

- Identifying specific contributors to defects proved difficult with existing tools

- There was a dependency on resources and expertise for detailed analysis

- The system was plagued by a high number of duplicate and similar defects

Our work

- Identified key issues responsible for most defects and pinpointed affected applications and modules

- Prioritized regression testing to ensure comprehensive coverage of frequent changes and rollouts

- Developed predictive models to forecast defect-prone builds and manage defect backlogs

- Enhanced the detection of top issues across different applications for improved test efficiency
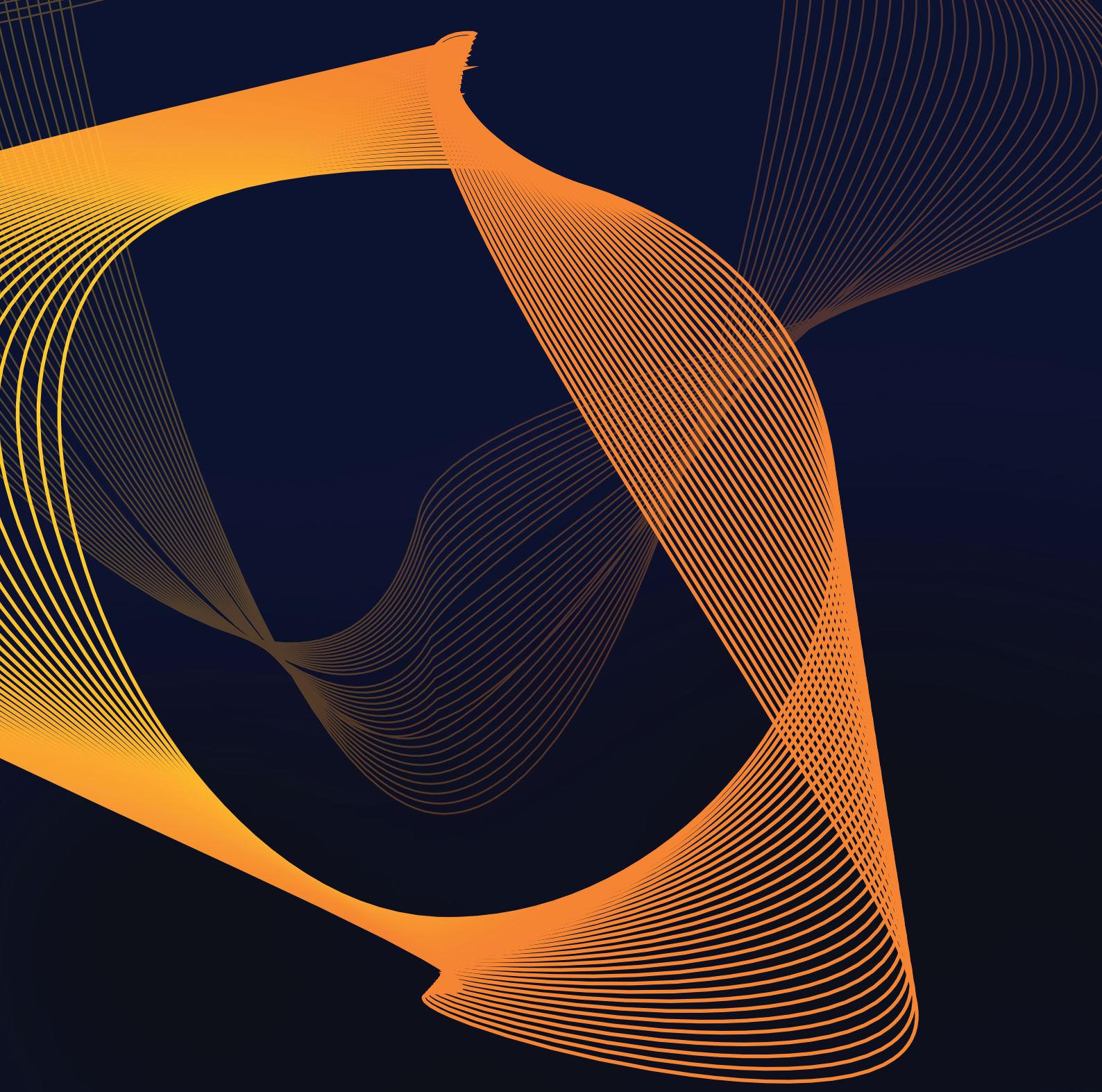
Tools & Technologies

NodeJS | SprintBoot | Hibernate | Microservices | Angular | ReactJs

Business benefits

- Shifted focus to high-risk areas, allowing for more strategic testing decisions

- Improved efficiency in prioritizing critical areas and identifying regression suites

- Reduced costs through early defect detection and more effective testing strategies

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