

GlobalLogic

A Hitachi Group Company

From **legacy** to **leading edge**: a global software leader's AI-driven Angular migration

A global software leader needed to migrate its application from AngularJS to Angular 15 to modernize its technology stack and eliminate technical debt. GlobalLogic's AI-powered solutions automated key aspects of the migration, improving code quality and ensuring a seamless transition with zero disruptions.

40%

reduction in
migration effort

15-20%

decrease in
manual rework

100%

stability during and
after migration



Challenge

The client's legacy AngularJS framework was outdated, impacting performance, security, and maintainability. Migrating to Angular 15 was critical to ensuring a scalable and future-proof technology stack.

However, the process posed significant challenges, including a **lack of complete documentation, the risk of regression errors, and the need to complete the migration on a tight timeline.**

To overcome these obstacles, the client sought an AI-powered solution that could streamline the migration while maintaining stability and code quality.

Value Created

- **Automated code migration** to Angular 15, minimizing manual effort and reducing risks
- **AI-generated documentation** to bridge knowledge gaps and ensure maintainability
- **AI-enabled unit testing** to validate stability, security, and performance

Impact

- **40% reduction in effort**, enabling faster migration and lower resource costs
- **15-20% time savings**, supporting timely project delivery
- **Improved code quality**, reducing errors and ensuring long-term maintainability
- **Seamless transition**, preventing business disruptions and allowing continued product development