WHY CLEAN CODE?

all code is your software asset

Code is at the core of your software and dictates its behavior and performance. Clean Code ensures that your software continues to be an asset—not a liability—and is the key driver for today's business success.

Clean Code benefits teams and **organizations** of all sizes and maturity levels – making their code an asset, rather than a liability and increasing the value of software as a result.

- **Boosts development skills**
  - Developers can detect, understand, and resolve issues as they code.
  - Learn best practices and enhance skills throughout the development journey - regardless of experience level or seniority.
- **Increases efficiency and productivity**
  - Reduce continuous rework and long feedback cycles, resulting in greater productivity.
  - When consistent Clean Code standards are adopted, developers become more efficient and are able to meet their delivery expectations with speed and precision.
- **Creates a great work environment**
  - Clean Code enables developers to do a good job on the code they write or change. When less time is required to remediate someone else's code, more time is freed up to work on innovative and interesting projects, resulting in happy developers.

Clean Code benefits **developers** no matter their experience level.

- **Reduces reputational and business risk**
  - Clean Code ensures fewer security risks by enabling teams to proactively address issues before they reach production.
  - Decrease the occurence of unanticipated application downtime and costs due to issues that may stem from bad code.
- **Lowers code-level technical debt**
  - Clean Code gradually addresses the debt of the codebase without the need for a massive application overhaul and disruption.
  - Contained technical debt leads to the increased lifespan of the application.
- **Increases software development velocity**
  - Clean Code standards and streamlined flows improve DevOps velocity – promoting faster time-to-market.
  - When development efficiency improves, team productivity boosts, and talent is retained as teams are able to focus on interesting projects and innovation that drive business value.

The average developer can spend ~17.3 hours per week or 42% of their time on maintenance, refactoring, and modifying bad code. When bad code is left in your codebase, it can not only cost time and money but also result in lower productivity and jeopardize reputation.

Code not only directs behavior but also determines performance. Keeping code clean can be the difference between stalling software development and an adaptable thriving software solution.

START YOUR CLEAN CODE JOURNEY