



Codacle

Modernization of Legacy Systems with Generative AI

We transform legacy apps with Generative AI

Codacle is the only migration service that combines deep engineering with Generative AI to modernize legacy applications. Our approach analyzes every component of your software and database, creating a detailed knowledge graph.

While other automated services only migrate parts of the code without restructuring it, or use multiple AI agents with unpredictable results, Codacle guarantees a complete and accurate migration through a pipeline of more than 60 deterministic steps powered by AI.





Why does Codacle outperform other solutions?

- ✓ Total migration (100%) guaranteed
- ✓ Lower cost than traditional services
- ✓ Re-architecture to modern APIs
- ✓ Elimination of dead code.
- ✓ 60-85% savings in time and costs
- ✓ Modern re-architecture: not just code translation, but transformation
- ✓ Guarantee of functional results equivalent to the original application

How does Codacle work?

Our unique migration process

In-depth Analysis: We map each element (modules, functions, classes, tables) and their relationships to fully understand the system.

Hybrid AI + Engineering Pipeline: More than 60 deterministic steps use AI with precise graph context to generate each piece of code.

Re-architecture to Microservices: We transform the code into a modern, scalable architecture with APIs.

Automated Generation: Backend (Spring Boot) and Frontend (React) with maintainable code and client standards.

Continuous Human Validation: Expert reviews and adjustments in collaboration with you throughout the process.

AI-Assisted Testing: Generation and execution of unit and functional tests to verify accuracy.



Our Approach

We thoroughly analyze your system to understand each functional relationship, allowing us to generate accurate APIs and forms. This ensures fast, functional results that are aligned with your standards, minimizing errors and maximizing the value of the migration.

Traditional Manual Migration

- ✗ Extremely high cost
- ✗ Long delivery time (years)
- ✗ High probability of human error
- ✗ Fragmented knowledge of the system

Migration by static rules

- ✓ Acceleration of the migration process.
- ✗ Partial migration (less than 80%)
- ✗ No restructuring of architecture.
- ✗ Only literal translation of code.
- ✗ Incomplete results.
- ✗ Follows static development, security, and quality standards.

Multi-Agent Migration Systems

- ✓ Acceleration of the migration process.
- ✓ Guarantees 80% coverage
- ✗ 20% uncertain due to a non-deterministic process.
- ✗ Generates gaps, duplications, and errors that are difficult to find.
- ✗ Follows semi-static development, security, and quality standards.

Codacle migration service

- ✓ 65%–75% cost savings.
- ✓ 100% total migration.
- ✓ Modern re-architecture with APIs.
- ✓ Compliance with development, security, and customer quality standards.
- ✓ Elimination of dead code.



Are you ready to get started?

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