

# AI Engineering Buddy

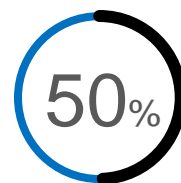
**Elevate Engineering Velocity:**  
Turbocharge Development with Generative AI

# Market Overview

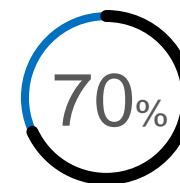
The adoption and investment on AI are on the rise, spanning across all industries and applied to solve real-world challenges. Organizations are exploring innovative ways of leveraging Generative AI technology & using AI for software engineering is one of the use cases that is rapidly evolving



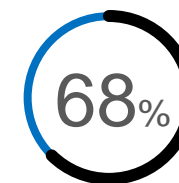
- Time and resource constraints
- Talent shortages & increased labour costs
- Complex Technology Transformation involving Legacy codes lacking documentation
- Talent and Skill Gap between legacy and modern architecture/skills
- Higher time to market for newer development
- Higher time to understand tech feasibility & identify right design & solution
- Lack in standardization & higher automation coverage in Dev/QA cycle



50% productivity improvements for developers using AI in their work, as per study from Microsoft & MIT



70% of Organizations Currently in Exploration Mode with Generative AI as per Gartner



68% of executives believe that the benefits of generative AI outweigh the risks

Zensar is a global technology consulting and services company with a strong presence across 30+ locations and a team of over 11,500 associates. We empower over 145 leading enterprises to drive disruption, agility, and competitiveness through our expertise. Our focus lies in conceptualizing, designing, engineering, marketing, and managing digital products and experiences for high-growth companies seeking innovation and velocity.

Our offering, **AI Engineering Buddy**, is a generative AI-infused engineering service powered by Azure OpenAI. It encompasses a range of consulting services tailored to facilitate seamless onboarding with Azure Open AI. Additionally, it plays a crucial role in legacy modernization, technology transformation, green-field platform/product engineering, co-innovation, and application maintenance and testing. With our team of experts and AI-driven efficiencies, we accelerate time-to-market intervals, enhance innovation, and deliver high-quality solutions for our clients.



# Our Offerings

Elevate Engineering Velocity: Turbocharge Development with Generative AI with quality assured

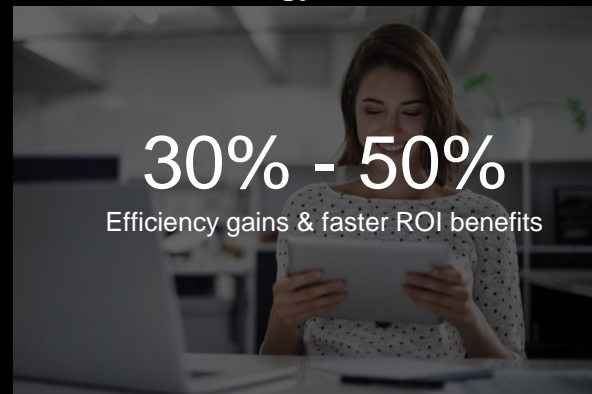
## 01 Consulting Services



**Thought leadership**

People, Process Governance & Tools to enable Open AI transformation

## 02 Legacy Modernization/ Technology Transformation



**30% - 50%**

Efficiency gains & faster ROI benefits

## 03 Green-field Platform/ Product Engineering



**15% to 20%**

Faster time to market

## 04 Co-innovation Engineering Partner



**2x to 10x**

Faster prototype build & identify risk early

## 05 Efficiency driver in Maintenance & Testing projects



**15% to 20%**

Efficiency improvement in BAU activities

# Our Offerings in Detail



## Legacy Transformation/Technology Migration

- Migrate legacy platforms to modern architectures.
- Translate complex business logic into microservices.
- Convert database objects into services-based code.
- Perform technology stack upgrades.
- Reduce technical debts through code rewrites.
- Generate comprehensive documentation for code and business use cases.
- Rapidly transform front-end code into responsive web design (RWD) and progressive web applications (PWA).
- Ensure code coverage and maintain high code quality from Day 1.



## Green-field platform/product engineering

- Selecting the appropriate technology stack, solution design, and low-level components.
- Providing guidance in strategic and execution planning.
- Uncovering unexpected challenges that may arise during the project lifecycle.
- Determining the optimal project size.
- Promoting secure coding practices right from the incubation phase.
- Generating test cases and test data to ensure comprehensive testing coverage



## Co-innovation Engineering partner

- Generating alternative solutions for ideas generated, expanding the possibilities.
- Validating and evaluating concepts to determine their viability.
- Assisting in the selection of suitable tools and frameworks.
- Generating multiple design approaches to explore different options.
- Conducting proof of concepts across different technologies.
- Providing upskilling and learning plans for large-scale implementation.



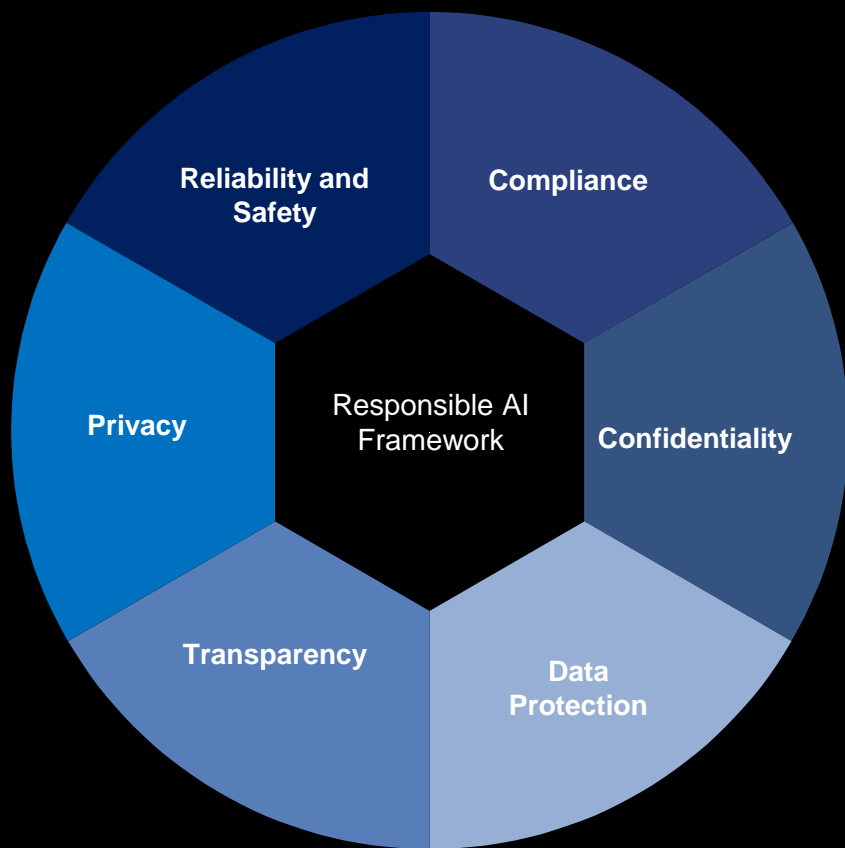
## Efficiency driver in Maintenance & Testing projects

- Helps developers in troubleshooting the issues
- Discover resolution faster by assisting in maintaining an up-to-date knowledge base by generating documentation
- Assists engineers to generate test cases, enhance code coverage, add comprehensive documentation, improve code maintainability, refactor code for optimal quality, and efficiently identify technical debt and bugs

# Why partner with Zensar?

- Team of Open AI specialists, Prompt Engineers & Engineering SME with expertise in Architecting solutions
- Extensive experimentation leveraging Azure Open AI across diverse use cases to solve complex engineering challenges
- Re-invent & Optimize Software Engineering lifecycle for breakthrough innovation & competitive advantage
- Faster Time-to-market advantage
- Trusted & Compliance
- Prompt Marketplace for software engineering
- Responsible AI by Design

# Responsible AI Framework



Separate OpenAI tenant within enterprise subscription



Data Protection & Privacy achieved through separate ecosystem



Data Encrypted with Customer Managed Keys



Soc2, ISO, HIPPA, CSA STAR Compliant



Enterprise-grade security with role-based access control (RBAC) & authentication



Detailed Reporting, Dashboard enabling Transparency & Auditability



Secure networking through private endpoints and VNETs



Human in Loop to oversee every action to ensure fairness & enable trust



Shared security model

# Take your next step with us by scheduling a 30 mins discussion with our experts.

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Zensar helps businesses understand and utilize the benefits of generative AI is through workshops and conversations with your team. By bringing together, our Open AI specialists we will dive into your organization's unique needs and goals and help identify the specific business scenarios & use cases that can drive the most significant benefits from generative AI.

Together will determine the next steps based on the results of the initial workshops. This may involve conducting a comprehensive strategy assessment to evaluate readiness or moving forward with a Proof of Concept (PoC) or Minimum Viable Product (MVP) build to demonstrate the value of the technology using Microsoft Azure's Azure Open AI Service or other Microsoft AI-embedded applications.





# Thank You



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