# acuvate®
...where Acumen drives Innovation

# Leading Professional Services Harnessing Generative AI for 50% Faster Design Documentation

## CLIENT PROFILE

A visionary professional services firm, with a significant international presence in over 30 countries, is renowned for driving industries towards the future with its strategic business outcomes. Their deep commitment to industry knowledge and ethical practices has established them as a bastion of innovation.

## CHALLENGES

The firm's approach to design documentation was mired in inefficiency. The traditional, labor-intensive manual process required exhaustive iterations, involving gathering and extracting information and analyzing documents. This cumbersome process was particularly detrimental to the productivity of junior architects, trapping them in a cycle of repetitive tasks that stifled both their professional development and the firm's operational agility.

**Have A Question? Connect With Us Now**

## GEN AI SOLUTION: DESIGN DOCUMENT AUTOMATION

Our Generative AI-powered design document automation leveraged the capabilities of LLMs (Large Language Models) to digest and process the vast amounts of information and data inherent to design documentation. By employing Azure OpenAI, we facilitated understanding complex information and generating human-like, coherent responses.

The heart of our solution, 'Design Documentation Automation', was underpinned by GPT-3.5 and a rigorous analysis of existing design documents, structuring a JSONL format for fine-tuning. This process facilitated the creation of a fine-tuned model tailored to the organization's specific needs. This powerful tool was finely tuned to interact with the firm's comprehensive knowledge base, harnessing cognitive search capabilities to access and utilize existing documentation swiftly. The chatbot interface, reminiscent of ChatGPT, allows users to input specific project requirements and receive tailored design documents, significantly streamlining the documentation process.

**Book Your Consultation Now**

## BUSINESS IMPACT

**50%**
Faster Document Creation
Halved the time for producing design documents

**60%**
Productivity Increase
Substantial reduction in repetitive tasks for junior architects.

**40%**
More Reuse of Existing Work
Enhanced consistency and quality in project outputs

## ABOUT ACUVATE

With over 17 years of experience in digital solutions, accelerating enterprise-wide digital transformation with our AI accelerators, we provide solutions and services that modernize, automate and support organizations. We help our customers transform their conventional processes to match the next-generation technological trend. We have a strong presence in the US, Europe, and the Middle East, where we serve multiple Fortune 500 companies. We specialize in New-age AI solutions, Migration & Modernization, and Digital Workplace Solutions. With our multi-skilled experts and packaged AI accelerators, we deliver unparalleled efficiencies and accelerate time-to-value for our customers