



# Accelerate AI innovation with expert-led GenAI on AWS

## Challenges

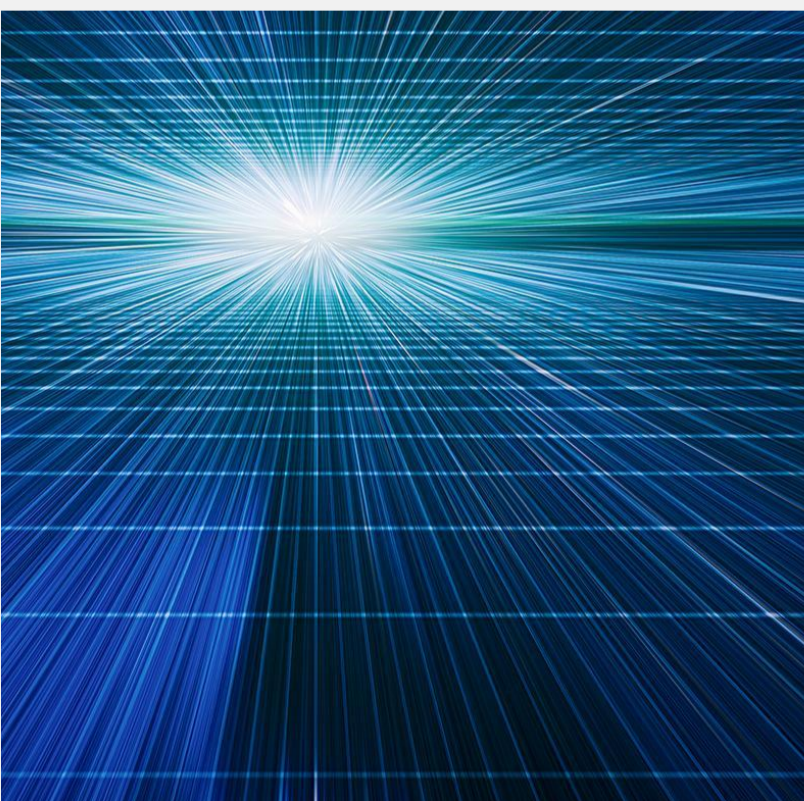
The complexity of GenAI slows innovation and increases business risk

Organizations planning to implement GenAI face significant challenges: limited internal AI expertise, unclear use cases, and the complexity of model selection. Technical hurdles include integrating with existing systems, meeting data privacy and compliance requirements, and ensuring data quality and availability. Organizationally, teams struggle with unrealistic expectations, missing governance structures, and difficulties assessing ROI and business value. Without a structured approach, 95% of GenAI pilot projects fail, causing budget overruns and creating security gaps. These obstacles prevent businesses from fully realizing the productivity gains, cost optimization, and innovation potential of AWS GenAI solutions.

## The superluminar Solution

Accelerate AI transformation with expert-led AWS GenAI consulting and implementation

superluminar's AWS GenAI Service delivers a seamless, end-to-end implementation of GenAI solutions on AWS, tailored to your organization's unique needs. Our certified AWS consultants begin with a comprehensive assessment of your business processes, identifying high-value use cases for GenAI. We design a customized implementation plan, evaluate suitable Foundation Models on Amazon Bedrock, and architect your future-ready GenAI environment using AWS best practices. Throughout the process, our experts work collaboratively with your team, ensuring knowledge transfer and minimizing disruption. By leveraging proven methodologies and AWS services such as Amazon Bedrock, SageMaker AI, and Amazon Bedrock AgentCore, we help you overcome complexity, reduce costs, and accelerate your GenAI success.



## Benefits

Realize measurable business value through structured GenAI implementation with reduced risk, accelerated time-to-market, and scalable AI architecture.

### »» Fast, Low-Risk GenAI Implementation

Our certified AWS consultants deliver a structured, step-by-step GenAI implementation process that validates use cases, ensures data quality, and minimizes business disruption.

### »» Cost Optimization & Scalability

We leverage AWS best practices and serverless architectures like Amazon Bedrock to optimize resources, control AI costs, and maximize ROI.

### »» Future-Ready AI Foundation

By modernizing your infrastructure and aligning with the AWS Well-Architected Framework, we enable agility, scalability, and continuous compliance for long-term AI success.

# superluminar on AWS

superluminar and AWS together provide a trusted path from GenAI idea to production-ready solutions on AWS. As an AWS-only consulting partner, superluminar combines deep cloud-native expertise with hands-on experience from ambitious customers across various industries, business lines, and products.

Our certified AWS experts work closely with customer teams and use AWS GenAI services such as Amazon Bedrock, Amazon SageMaker, and Amazon Bedrock AgentCore to turn validated use cases into secure, scalable GenAI applications that deliver measurable business value on AWS.

## Case Study: ENVIRON ENERGY

inspired by energy

### »» Challenges

Environ needed a chatbot to support onsite engineers during installation processes by giving them fast access to technical guides, installation manuals, and product documentation directly in Slack. The solution had to reduce errors, increase productivity, and improve customer satisfaction, while remaining scalable, secure, and easy to maintain. It also needed to integrate smoothly into existing workflows so engineers could keep using their familiar communication platform without switching tools.

### »» Solution

superluminar implemented an “Engineer Bot” integrated directly into Slack that connects to a centrally managed, searchable knowledgebase of installation guides, product specifications, and internal best practices. All relevant documents are stored in a central document bucket and indexed for efficient retrieval, enabling the bot to answer questions in natural language and guide engineers through installation steps in context. The knowledgebase is designed to be maintainable and extensible, so documents can be continuously added or updated and the bot’s responses evolve alongside real-world requirements.

### »» Results

The solution delivers a seamless knowledge retrieval experience within Slack, giving onsite engineers quick and reliable access to the information they need and reducing friction during installations. Success is measured through improved customer satisfaction, fewer day-to-day process errors, smoother interactions, and faster installation times enabled by immediate access to the right documentation. Over time, automating knowledge retrieval via the chatbot reduces dependency on manual support, lowers operational effort, and increases overall productivity, demonstrating that the long-term value clearly outweighs the initial implementation costs.



## Features

### Structured GenAI Engagement

superluminar's service begins with an in-depth assessment of your business processes and identifies high-value use cases for GenAI. We evaluate your data landscape, assess data quality and availability, and create a customized GenAI roadmap. We ensure every implementation step aligns with best practices. This creates clarity and builds confidence, minimizes risk, and creates the foundation for measurable business value with GenAI.

### Collaborative Delivery

We work closely with your teams to execute GenAI solutions efficiently, minimizing disruption and ensuring knowledge transfer throughout the process. Post-implementation, we help optimize your AWS GenAI environment for cost, performance, security, and compliance - enabling your organization to realize the full benefits of AI transformation and continuous operational excellence.

Visit AWS Marketplace or  
[superluminar.io](https://superluminar.io) to  
purchase.



## Get started with superluminar solutions on AWS

superluminar Contact: Hendric Ruesch | [hi@superluminar.io](mailto:hi@superluminar.io)



- DevOps Services Competency
- Migration and Modernization Services Competency