



About Lateam Partners

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By joining Lateam Partners, you gain access to **exciting remote roles, a supportive work culture, and ongoing professional development**. We pride ourselves on matching top-tier talent with high-quality employers, ensuring a rewarding experience for both candidates and clients.

If you're looking to advance your career with **a stable, well-paid, and growth-oriented opportunity**, apply today and become part of our thriving network!

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Job Title

AI Product Engineer

Location

Remote

Client

Undisclosed

Job Summary

We are seeking an AI Product Engineer Consultant to help architect and build modern AI-enabled web platforms that support product discovery, design workflows, and digital collaboration.

This role will focus on building a new generation of internal and client-facing platforms, including AI-powered search systems, document extraction pipelines, and modern web applications built with scalable architecture.

The engineer will work closely with internal development teams responsible for enterprise systems such as ERP, CRM, and analytics platforms, while owning the architecture and development of modern AI-enabled product experiences.

Responsibilities

AI Platform Development

Design and build a modern web platform that allows suppliers and users to collaborate, upload product data, and generate curated selections using AI-enabled workflows. Develop structured data pipelines that ingest files such as PDFs, Excel sheets, and images, converting them into usable product data.

AI Document Processing

Build and optimize an automated extraction engine capable of processing product specification documents. Implement workflows that extract structured data such as SKUs, compliance information, product attributes, and pricing from multiple file formats while maintaining high accuracy.

Web Platform Architecture

Lead the development of a modern front-end web platform using frameworks such as Next.js or similar technologies. Implement advanced filtering, semantic search, and scalable architecture capable of supporting AI-powered product discovery and design workflows.

AI Search & Data Systems

Implement AI-powered search functionality using modern LLM integrations and retrieval-augmented generation (RAG) architectures. Design vector-based search capabilities to support intelligent product discovery and recommendation features.

Collaboration & Integration

Work alongside internal engineering teams responsible for enterprise systems, ensuring the new platform architecture integrates smoothly with existing ERP, CRM, and analytics infrastructure. Maintain clear technical documentation and scalable architecture design.

Qualifications

- 3–7 years of professional software engineering experience
- Strong experience with Next.js, React, and TypeScript
- Experience designing and building REST APIs
- Backend development experience with Node.js or Python (FastAPI preferred)
- Experience working with PostgreSQL or similar relational databases
- Experience integrating LLM APIs such as OpenAI or Anthropic
- Experience building RAG-based AI systems
- Familiarity with vector databases such as Pinecone, Weaviate, or pgvector
- Experience building systems that process file uploads and document pipelines
- Experience deploying production-ready web applications

Apply to this position

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