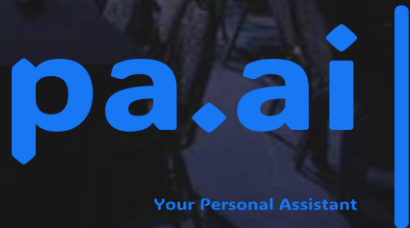# Project presentation
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Nirman Khadka

Introduction

- Pursuing the path of AI Developer

- Skills: Backend Development (Django, Postgresql), DevOps(GitHub, Jenkins, VPS Hosting, NGINX, Azure), and Frontend (Typescript, React, Nextjs, Redux)
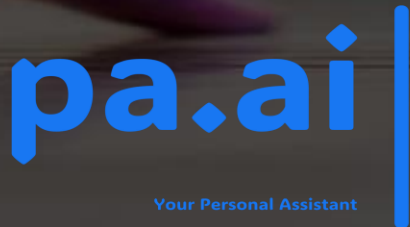
Problem Statement

- Users require a chatbot that can simultaneously handle and interact with multiple files efficiently.

- Users need an easy way to fine-tune an AI model with their own data and deploy a personalized chat agent.
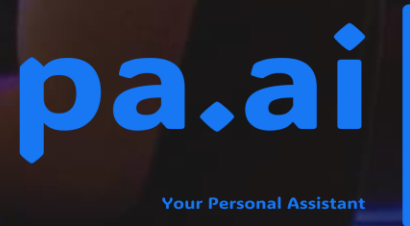
The solution

- **Platform:** Use chat agent with your own data, Train and access your own dedicated AI agent.

- **General Chat Agent:** Uses llama index for document parsing, Sentence Transformer for indexing, faiss for vector storage, and llama-3 for response generation.

- **Dedicated AI Agent:** Uses llama index for document parsing, together.ai for model fine-tuning, Milvus for vector storage, and mlflow for automated model deployment.

- **Example Use Case:** Upload research papers and notes to receive integrated insights and answers, enhancing research efficiency.

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Applications

- **Legal:** AI for legal document analysis.
- **Research:** Chatbots for managing multiple research files.
- **Support:** Custom AI for tailored customer support.
- **Education:** Adaptive learning tools.
  Expandable with additional features and integrations.
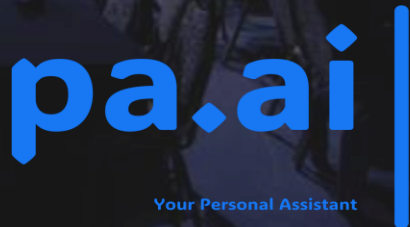
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Market Opportunity

Total Addressable Market (TAM):
- **Value:** $1.2 Trillion (Global AI market by 2025)
- **Scope:** Includes all sectors using AI technologies.

Serviceable Addressable Market (SAM):
- **Value:** $30 Billion (AI chatbots and personalized AI solutions by 2025)

- **Scope:** Focuses on chatbot applications and personalized AI.

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Competitive Analysis

Competitors:
- **ChatGPT (OpenAI):** Strong NLP but lacks customization.
- **IBM Watson:** Powerful but complex and costly.
- **Google Dialogflow:** Easy integration but limited personalization.
- **Microsoft Azure Bot Service:** Scalable but less customizable.

Unique Selling Proposition (USP)
- **Custom AI Models:** Tailor AI with user data.
- **Advanced Tech:** Uses Llama-3, Together.ai, Milvus, and MLflow.
- **Multi-file Handling:** Efficient integration of multiple data sources.

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Revenue Model

- Pricing Model: Freemium; $10/month after 1-month free trial.
- Sales Channels: Website, app stores, and partnerships.
- Additional Revenue: Enterprise licenses and consulting services.
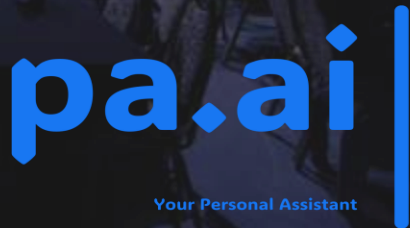
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Demo

- General Chat Agent: https://ambitious-pond-0af2e5e0f.5.azurestaticapps.net

- Dedicated AI Agent: Under Development.

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Thanks!

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