elinext

Company Profile

Large Language Models

Elinext Company Overview

Since 1997

In custom software development

7

Development centers in Europe and Asia

700+

In-house employees 85% are software engineers

300+

Clients worldwide

Focus on specific domains:

- Web & Mobile Apps
- UI/UX Design
- CRM & Customer Engagement

- ERP & Asset Management
- IoT & Infrastructure Management
- Cloud Computing & SaaS Development

- Blockchain
- DevOps

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Why LLMs are Game Changers?

Cost Efficiency
Automating tasks saves money on manual labor.

Time Savings
Speeds up processes like research, documentation, and communication.

Improved Accuracy
Reduces errors in tasks like data entry and customer responses.

Customization
Models can be fine-tuned for specific industries or use cases.

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Our Expertise

Models:

ChatGPT	Gemini	Olmo
Claude	Mistral	Sora
LLAMA	Mixtral	

Techniques:

✓ Zero-Shot Prompting	✓ Chain-of-Thought	✓ Self-Consistency
✓ GraphPrompts	✓ Reflexion	✓ Active-Prompt
✓ Few-Shot Prompting	✓ Meta Prompting	✓ Generated Knowledge
✓ Multimodal CoT	✓ Prompt Chaining	✓ Directional Stimulus
✓ ReAct	✓ ART	✓ APE
✓ PAL	✓ RAG	✓ ToT

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LLM Projects
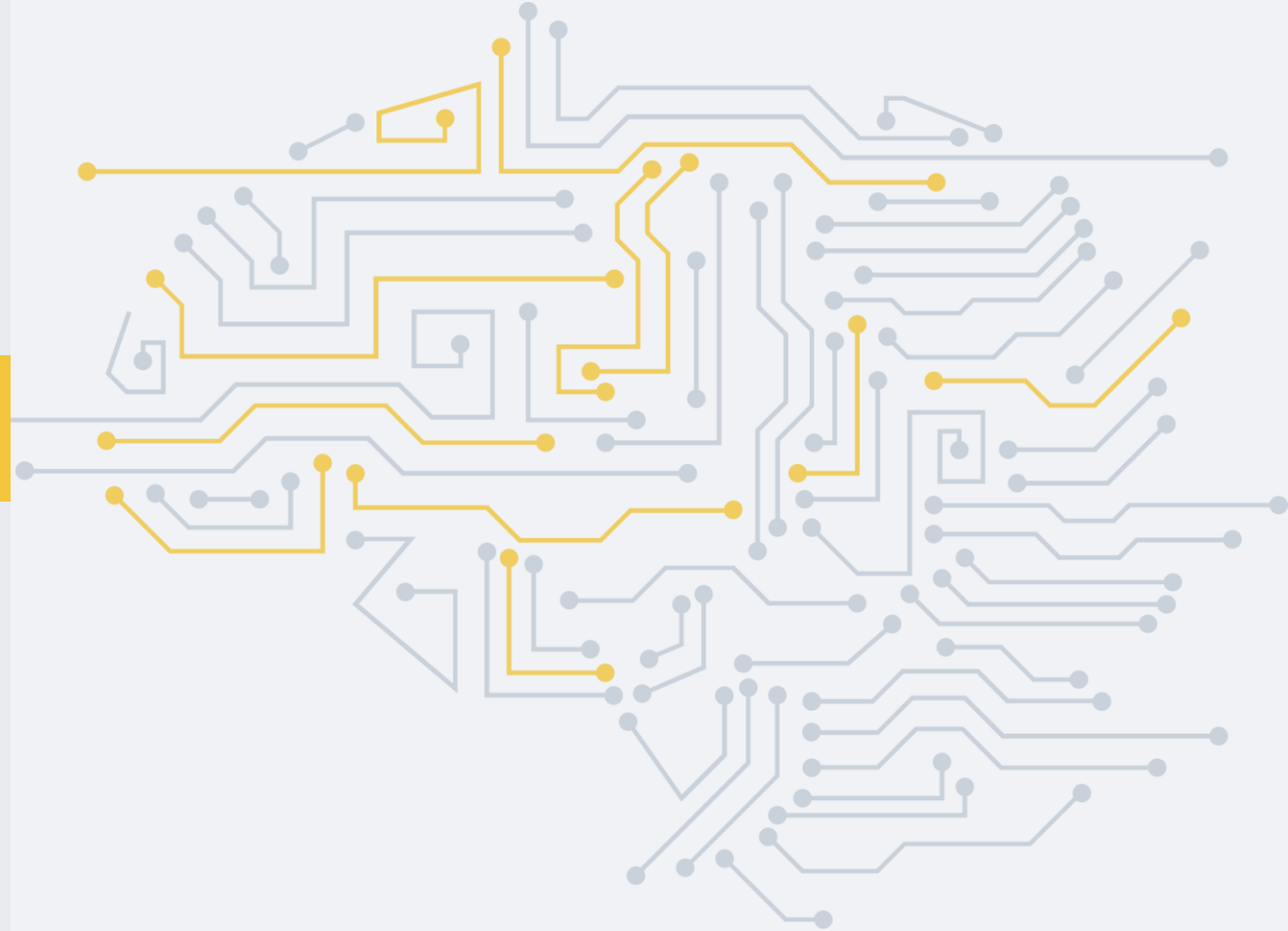
Assistant App

Client Request:

MVP of AI agents for assisting users with time scheduling, place suggestions, etc.

Solution:

- Search new city: when the user types the city he wants to visit, AI assistant based on user history and preferences will search for places the user might want to visit in a new city and show them on a map with a description of why this place has been suggested.
- Add a new event to the user schedule: AI assistant will check the user schedule and find the most relevant time slot for the new event based on user's location and gaps - Search new city: when the user types the city he wants to visit, AI assistant based on user history and preferences will search for places the user might want to visit in a new city and show them on a map with a description of why this place has been suggested.
- Add a new event to the user schedule: AI assistant will check the user schedule and find the most relevant time slot for the new event based on user's location and gaps

Technologies:

- GPT-4
- Python
- FastAPI
- LangChain
- LangGraph
- React JS

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BA for Presale

Client Request:
Web service to reduce Presale team efforts in presale proposal preparation.

Solution:
- Create backlog. AI model analyzes and creates backlog based on client's request, Knowledge base, and best practices
- Estimation. AI model estimates the backlog using Knowledge base and best practices.
- Excel generation. All information is formatted and compiled in excel document. Assumptions and additional questions for the client are provided as well.
- RAG analyzes the request and decides what niche is appropriate to the client and chooses the right Knowledge base files for accurate result.

Technologies:
- GPT-4
- RAG
- Node JS
- LangChain
- LangGraph
- React JS

Purchase Order Management

Client Request:

AI based solution to optimize the Order Management process.

Solution:

- AI model is analyzing the user's request
- Gets offers from suppliers which are stored in company CRM
- Provides user a list of offers
- User decides what company is chosen
- AI model creates an official purchase order doc
- User accepts the document
- AI model sends it to the Supplier

In case when the order is placed for an appropriate Supplier:
- AI model is analyzing the user's request
- AI model creates an official purchase order doc
- User accepts the document
- AI model sends it to the Supplier

Technologies:

- GPT-4
- CRM API
- Python
- React JS
- Microsoft Outlook API

Accounts Payable

Client Request:

Payments monitoring system.

Solution:

- AI model monitors all emails that are related to the purchase order
- Monitors the email box for invoices
- Creates a payment action in CRM for payment when invoice is received
- If instead of invoice additional questions are get AI agent notifies the user about it
- User creates an answer and AI model sends it as a reply

Technologies:

- GPT-4
- CRM API
- Python
- React JS
- Microsoft Outlook API

Resource Management

Client Request:

Web tool to fasten the search of the available employee.

Solution:

- User provides the request where type of job and availability period is mandatory
- The AI model analyzes user request
- AI model searches the CV array and schedule from the user's CRM
- Offers the suitable candidate/-s to the user

Technologies:

- GPT-4
- CRM API
- Python
- React JS

Company Profile & Proposal Generation Agent

Client Request:

AI solution for company profile and proposal generation processes.

Solution:

- AI model is analyzing the user request (niche, job type, expertise)
- Analyzes the Company profile/expertise
- Chooses information that is appropriate to the request
- Library generates the txt, doc or pdf with accumulated information for the user. The file could be formatted in accordance to the request.

Technologies:

- GPT-4
- RAG
- Python
- React JS

Social Media Marketing

Client Request:

Tool to reduce efforts on particular media activities.

Solution:

- AI model crawls the LinkedIn and Facebook
- Analyses the relevant posts (tracking likes, shares, comments and engagement rates)
- Comments on relevant posts when user approves the comment
- AI model differs posts that are made by user company from posts made by followed by user companies to behave in appropriate way.

Technologies:

- GPT-4
- LinkedIn API
- Facebook Graph API
- React JS

Meeting Summarization

Client Request:

Optimize the Meeting Summary processes

Solution:

- AI agent analyses the video or audio record of the meeting
- Creates the text version of it
- Finds the dependencies and creates action points
- Creates the follow-up draft
- Sends it after user's approval for all persons engaged
- Creates .ics for next meeting or action after user approval

Technologies:

- GPT-4
- OpenAI Whisper
- LangChain
- Python
- Microsoft Outlook API
- React JS

Content Generation

Client Request:

Tool for marketing processes optimization

Solution:

- AI model analyses the user request
- Generates several ideas in accordance to the latest social media trends
- User chooses the topic
- AI model generates the content for the post
- Generates the prompt for image generation
- Picture is generated

Technologies:

- GPT-4
- Web Search
- Python
- Generative AI
- LangChain
- React JS
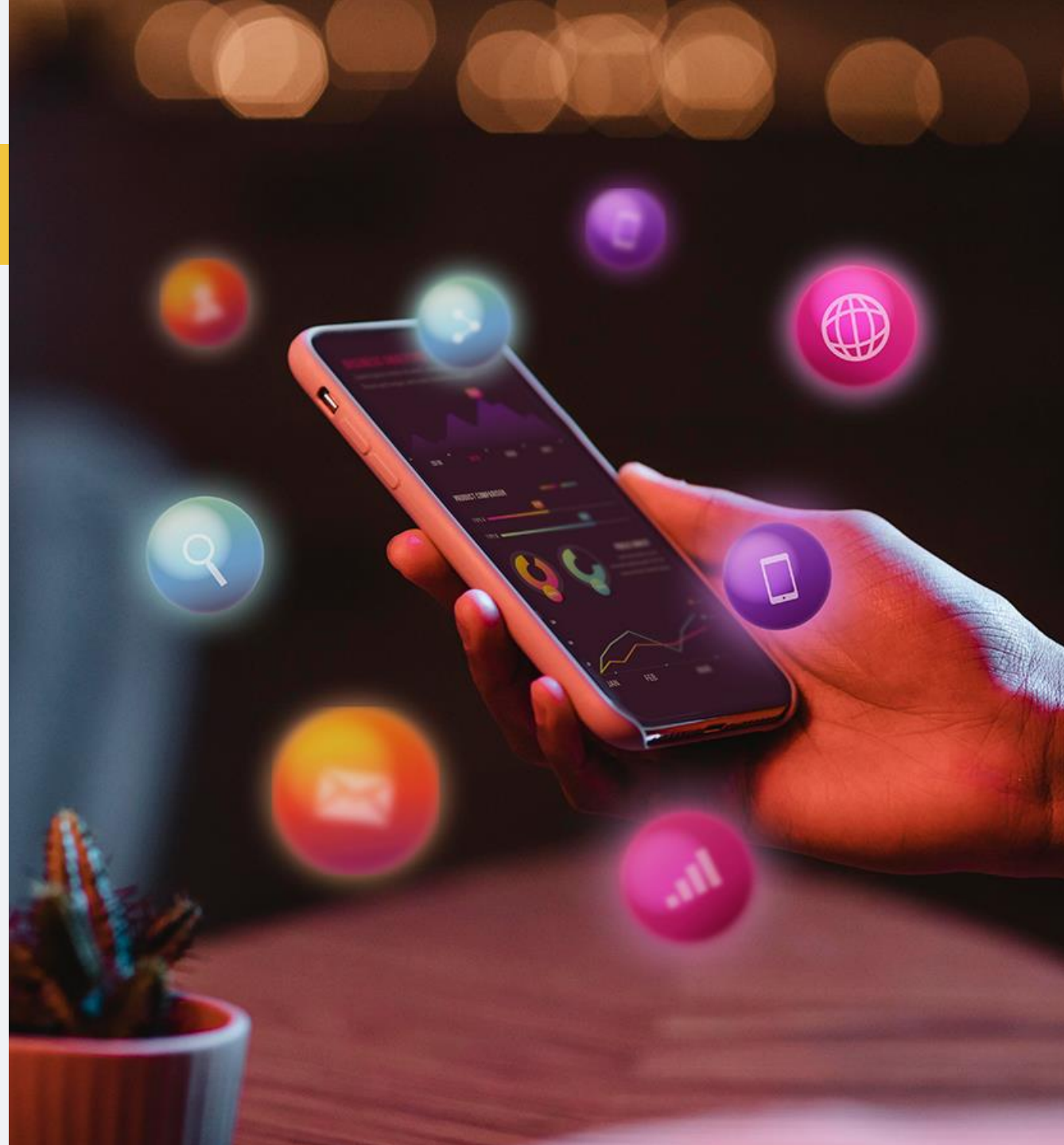
SEO and Competitor Analysis

Client Request:

Optimize the SEO analysis process

Solution:

- AI model analyses the user request
- In accordance to the request AI model makes the list of analytical parameters
- The AI can crawl through the analytical web site such as ahrefs.com
- Get all possible information regarding the request
- Compiles the information into the text file with graphs if needed

Technologies:

- GPT-4
- Selenium
- Ahrefs
- Python
- LangChain
- React JS

Emails Monitoring

Client Request:

Monitor the email box to avoid schedule issues

Solution:

- AI model searches emails that are appropriate to the request (proposals for example)
- Analyses if there where any respond or decisions
- Provides user the summary: which emails have no answer, which needs user reaction, which needs a meeting/call action.
- AI model generates follow up and sends when user approved
- AI model creates .ics for a meeting/call in user's calendar after user approved

Technologies:

- GPT-4
- LangChain
- Microsoft Outlook API
- Microsoft Graph API
- Python
- React JS
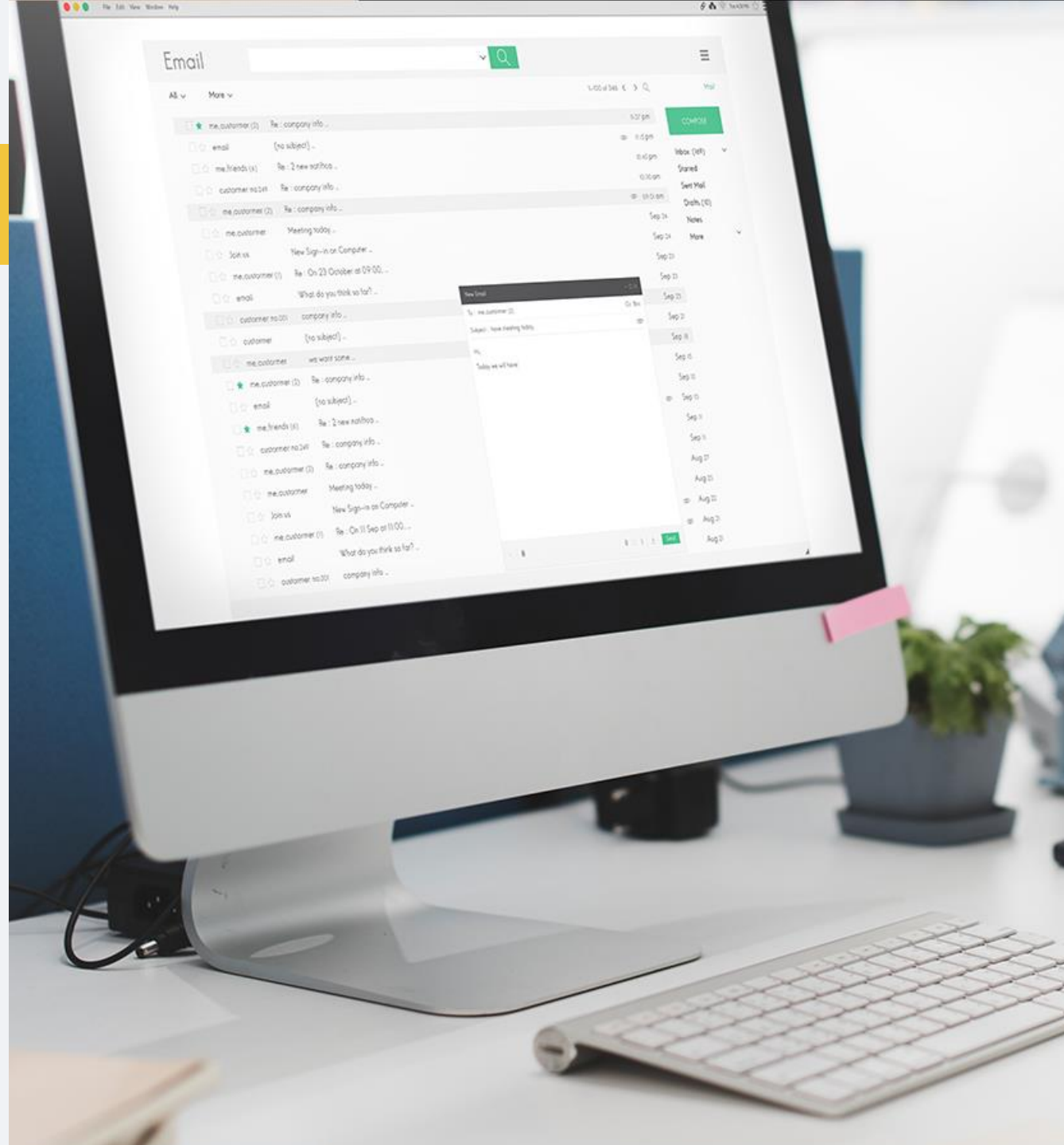
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Let's set up a fruitful collaboration!

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