NYOKA

Timely, Cost-Effective, Top Quality

About our company

We provide services for:

- Startups
- SMEs
- Enterprises

5+ years
Serving clients
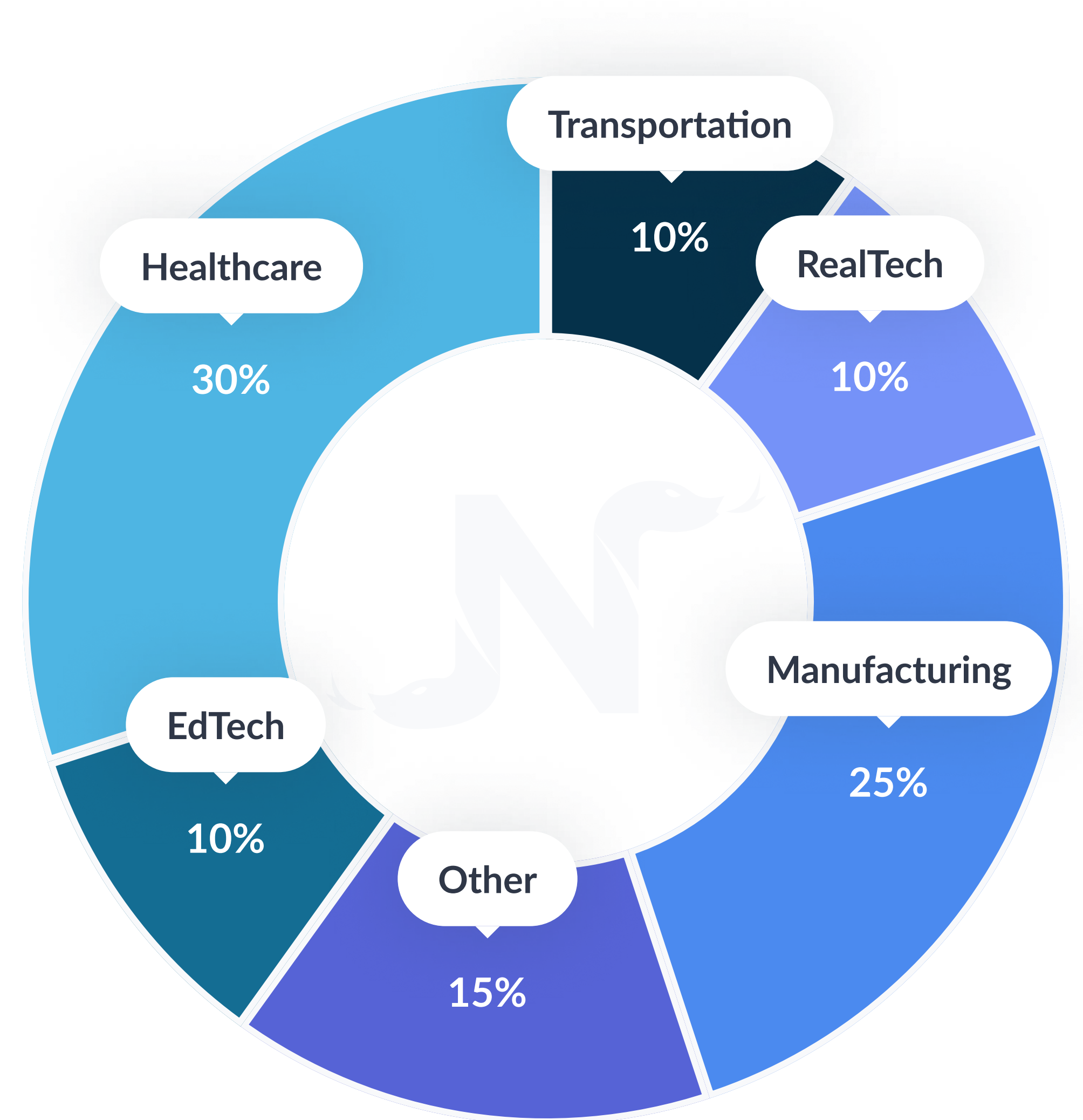
Experienced
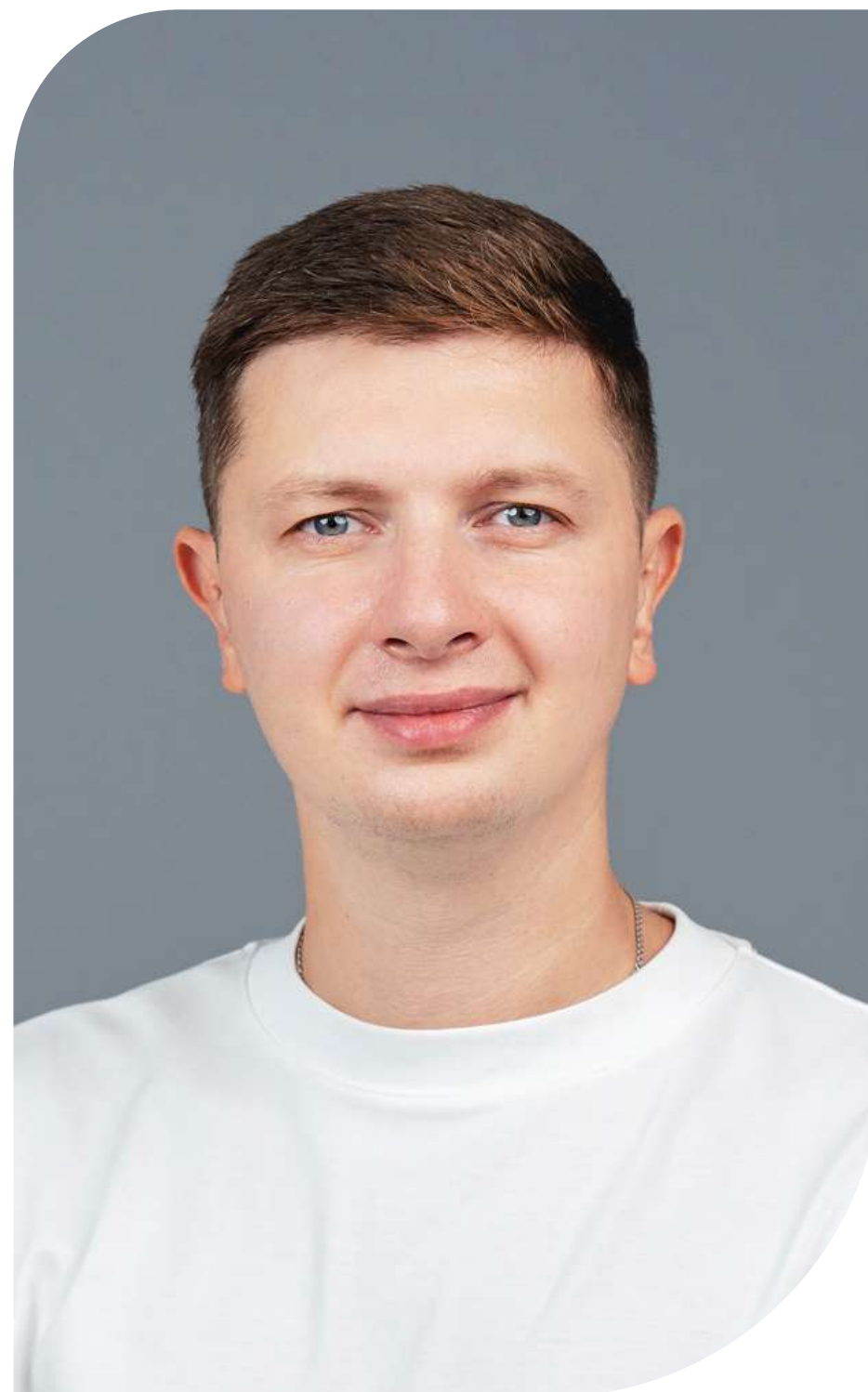In the US and European markets

30 people
Company size

Experts

in Healthcare, EdTech, Real Estate, Manufacturing and Distribution, Transportation, Restaraunts, Oil and Gas

Transportation 10%

RealTech 10%

Healthcare 30%

Manufacturing 25%

EdTech 10%

Other 15%

Management Team

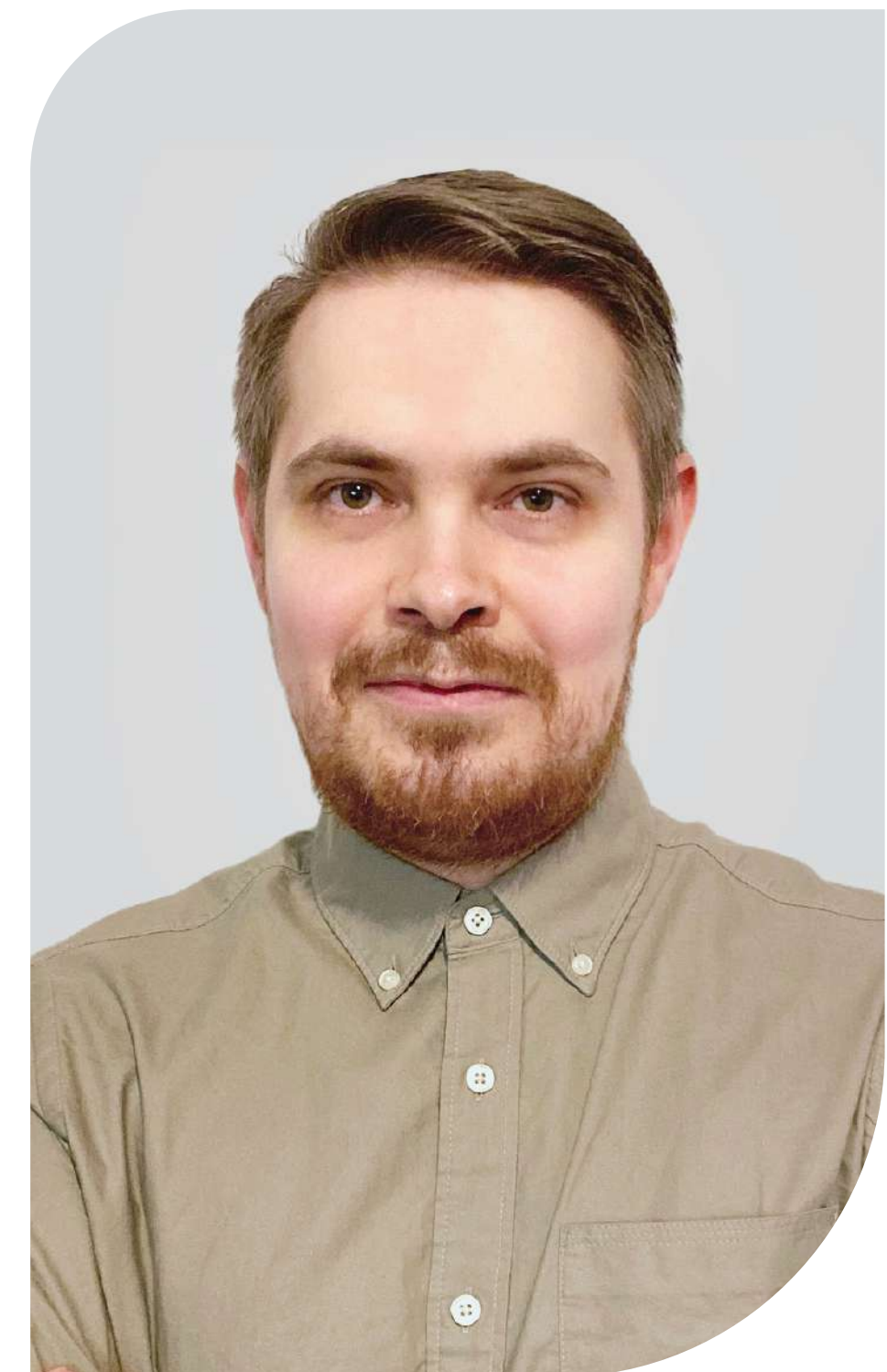**Dmitriy**
Chief Executive Officer

Karyna
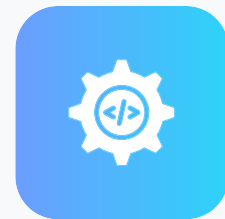Director of Business Development

Yana
Innovation Director

Anton
Chief Technology Officer

What You Get

Custom AI Software Development

Unlock the potential of AI with our custom software development services, designed to meet the unique needs of your business. We create AI applications, AI-driven automation, and AI-powered analytics that help you stay ahead of the competition
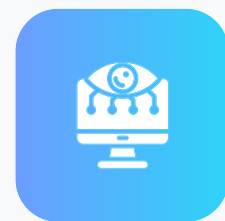
Machine Learning Solutions

Leverage our expertise in machine learning to develop advanced models that learn from data and deliver actionable insights. We specialize in supervised learning, unsupervised learning, and reinforcement learning techniques.

Natural Language Processing (NLP)

Enhance your user experience with our NLP solutions, including chatbots, sentiment analysis, and text classification. We develop NLP applications that understand, interpret,
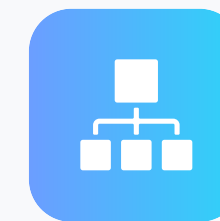and generate human-like responses.

Computer Vision Solutions

Harness the power of computer vision to automate visual tasks and gain valuable insights from images and videos. Our experts develop image recognition, object detection, and facial recognition solutions tailored to your business needs.
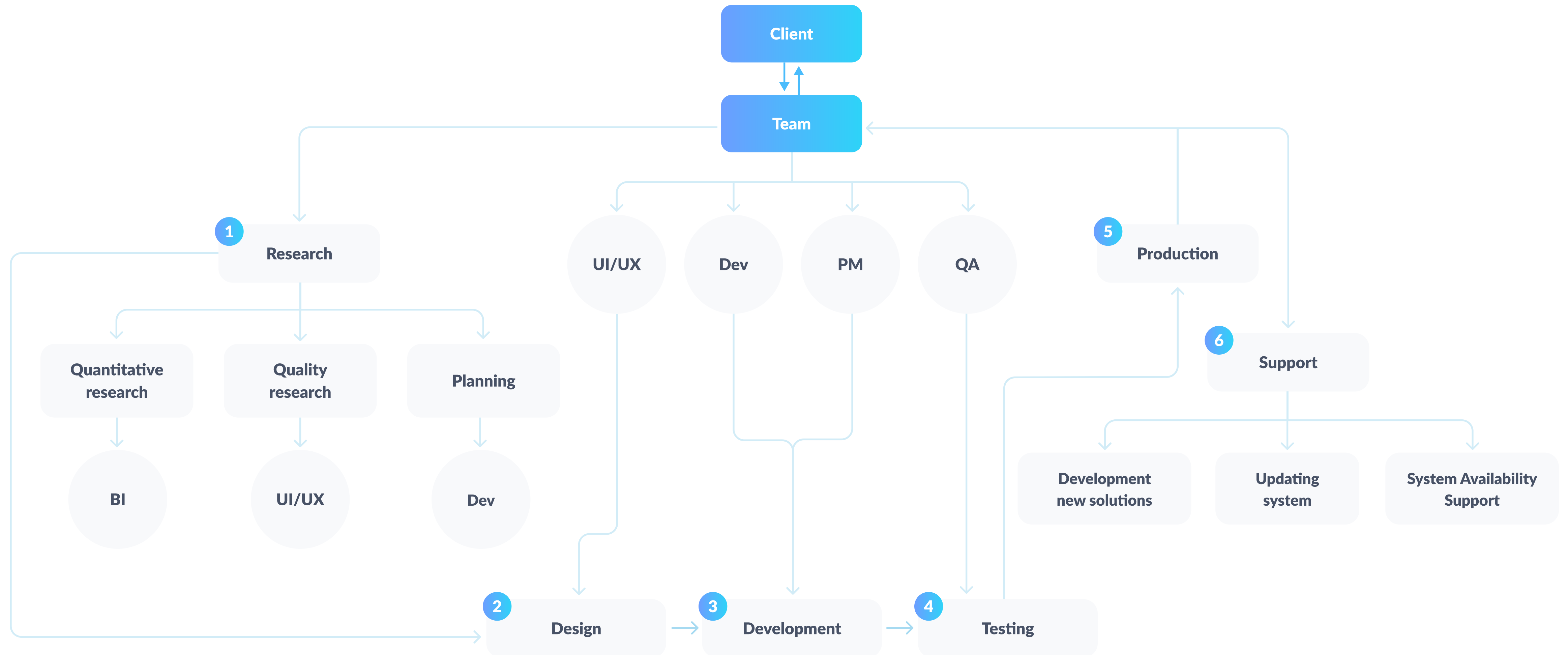
AI Integration

Maximize the value of your existing systems with our AI integration services. We help you seamlessly integrate AI capabilities and deploy AI models to enhance your operations.

Recommender systems

Nyoka engineers can analyze your processes and develop an ML-based recommendation system to increase your conversion rate.

Your path from idea to maintenance

How we work

01

Discovery

We scrutinize and analyze business processes with you to realize your idea

02

Planning

Create the application architecture with us. As a result, you get the generated database schemes, APIs, integrations that will be used in the project

03

UI/UX Design

By understanding your needs, we create an app design that matches your brand identity, user experience, and target audience

04

Development

Track results in our project management system. Transparent processes, stay in touch with developers, keep your finger on the pulse

05

Testing

We thoroughly test the application to make sure there are no bugs. After testing, we put the product into production, guaranteeing its efficient operation

06

Production

Start the project whether it is a local server or a cloud solution

07

Support

You will stay in touch with your development team. Set tasks and monitor progress

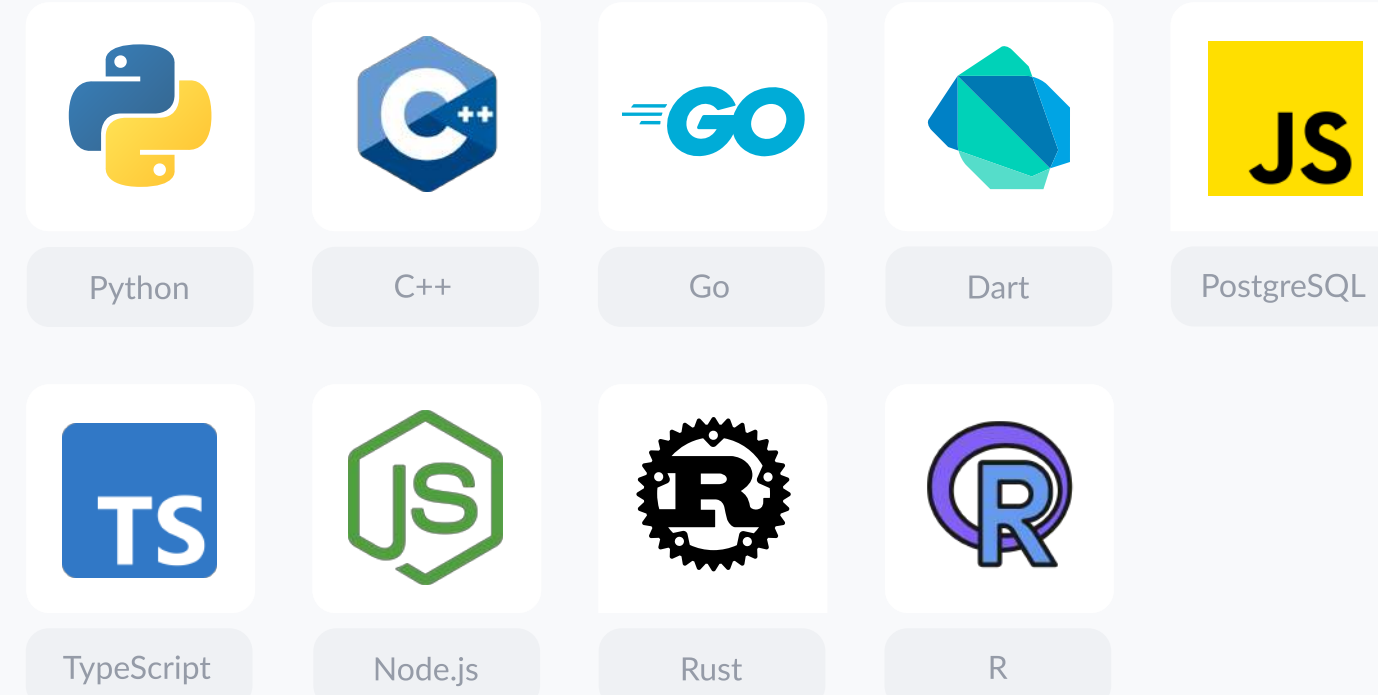# How we save up to 40% on development costs:

- Qualified team of East European developers with unique expertise

- Transparent processes from start to finish

- Smart sourcing, work with a team to achieve results together

- One workplace, one team, no sub-contractors

- Don't hire one at a time, manage whole team for the same money (Example: everyone is good in their field. Get all the necessary engineers together to realize the task)

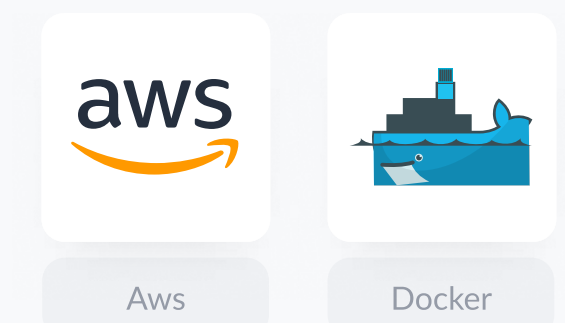- Set tasks, get results. (Don't try to do everything yourself. Trust the team)

Tech Stack

- Use cutting edge technologies and trends to reduce clients' costs and improve speed to market

- Help our customers to be competitive
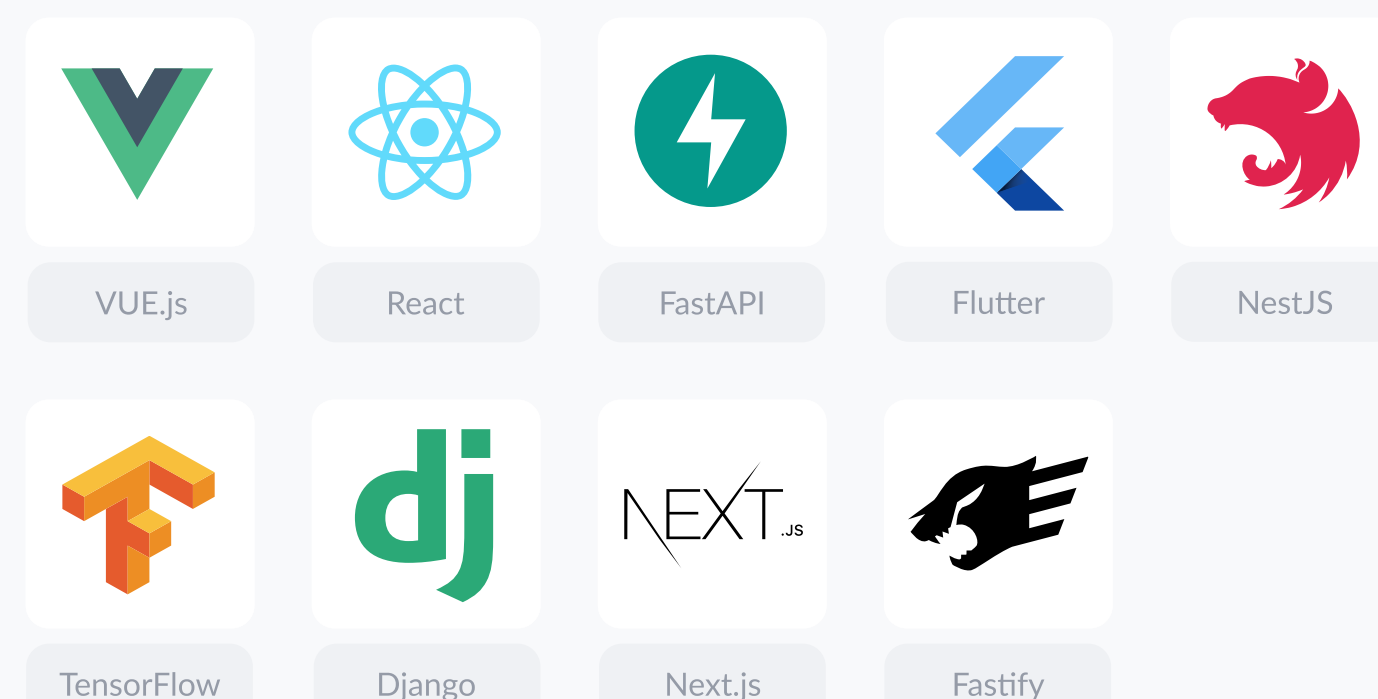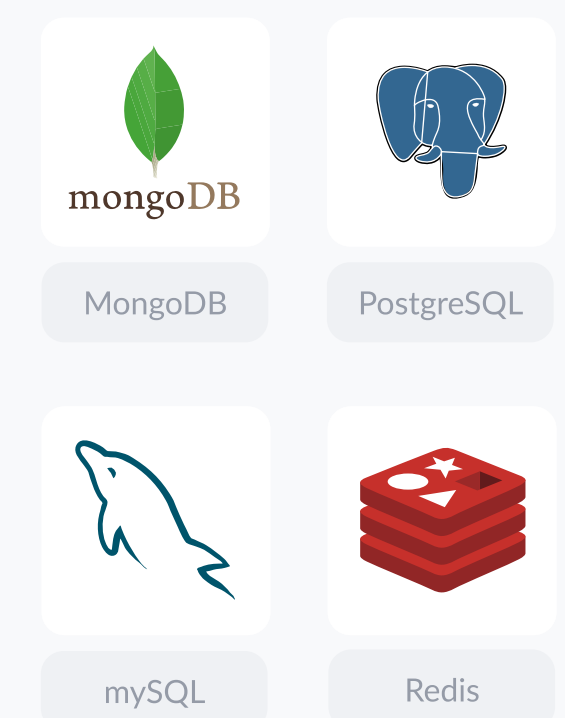
- Maintain development documentation

Languages

Python	C++	Go	Dart	PostgreSQL
TypeScript	Node.js	Rust	R	

Deployment

Aws	Docker

Frameworks

VUE.js	React	FastAPI	Flutter	NestJS
TensorFlow	Django	Next.js	Fastify	

DBMS

MongoDB	PostgreSQL
mySQL	Redis

Search for data matches in a metallurgical company

Goals and tasks

- Pattern Matching
- Streamlining research processes for marketing and sales

Benefits

- Reduced time to process information
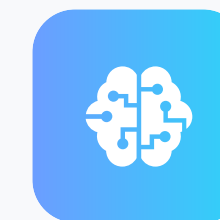- Improving the accuracy of documentation analysis

Solutions

Pattern Matching:

- Automatic recognition of specific information
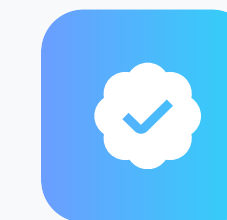- Using regular expressions and machine learning algorithms

Document Clustering:

- Grouping documents according to similar characteristics and types
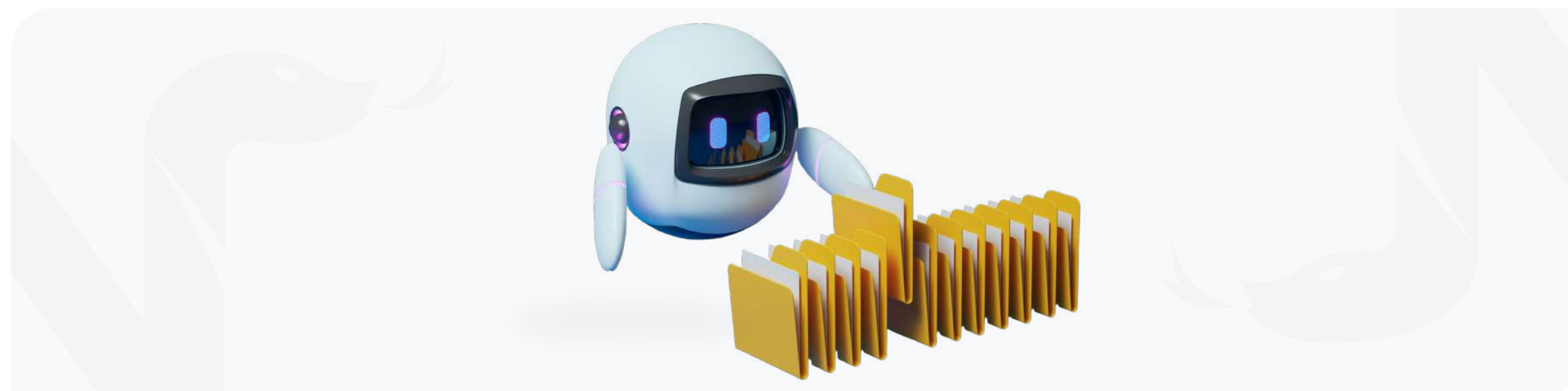- Using clustering algorithms and NLP for text processing

Implementation

- Pre-processing and normalization of text
- Development and training of models
- System integration and monitoring of its effectiveness

Results

- Improved documentation management
- Management processes have been optimized
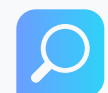- Achieved accuracy in **91%**

Using AI in Music Education

Mission

Using AI to transform music education, removing complexity and accessibility barriers

AI-powered solutions

Analysis and transformation of music data:

Convert music to MusicXML for better digital compatibility

Retrieving tool lots:

Using AI algorithms to adapt educational materials, increasing user engagement

Personalized learning paths:

Dynamically adapt music complexity for a personalized experience

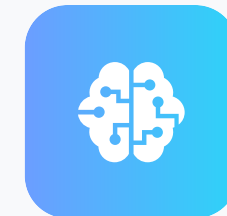# The use of computer vision in the diagnosis of cardiovascular diseases

Goal

Improving the diagnosis of cardiovascular diseases

Task

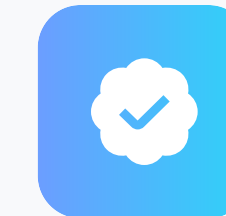Accurate detection of cardiovascular diseases through AI-assisted MRI analysis
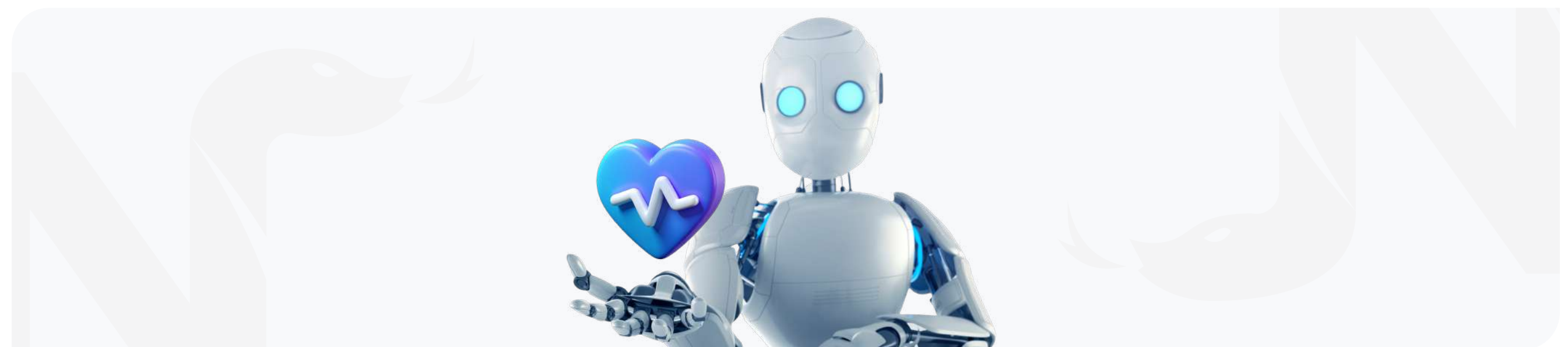
Team

Experts in AI, computer vision

Results

88% diagnostic accuracy, which surpasses traditional methods

Implementation

Implementation into clinical practice to speed up and improve the diagnostic process

Automation of invoice processing for a Chinese restaurant chain in New York

Problem

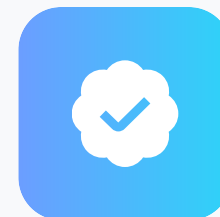Labor input and errors when manually entering data from invoices

Goal

Automate invoice processing to improve efficiency and data accuracy

Solution

Implementation of OCR and machine learning for accurate information extraction

Achievements

High accuracy **(>95%)** and reduced invoice processing time

Automate writing tests for code using CodeLlama

Service overview

Changing the code testing process through AI-powered automation

Technological advantage

High accuracy and test coverage thanks to code analysis and integration

Features

Automatic test generation, support for multiple programming languages, and integration with development tools

Result

The model beats Open Source solutions such as Gemma from Google, WizardCoder, CodeLlama-7b and CodeLlama-13b

NYOKA

We deliver the most of our solution from 4 months depending on its complexity

You are 4 months away from the deployment, just contact us

Our contacts

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Clutch
★ ★ ★ ★ ★
Perfect 5.0 Ratings