TOCODEPRO PFE BOOK

2026

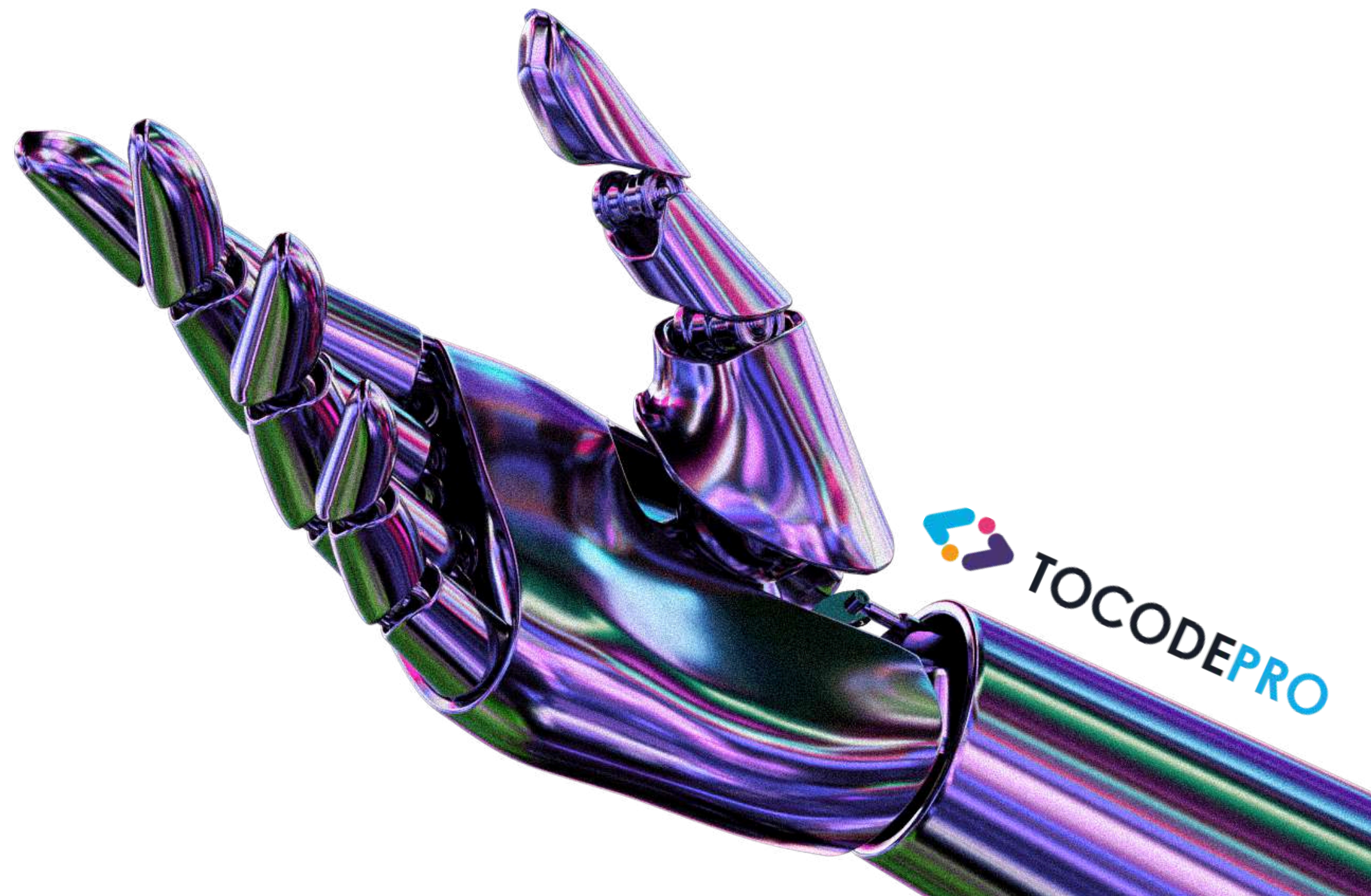TOCODEPRO

WELCOME TO TOCODEPRO!

HEY THERE !

Dear Interns,
We're excited to have you join us on this journey!
At TOCODEPRO, we believe in learning by doing, growing through collaboration, and making an impact from day one. This is your opportunity to explore, build, and innovate and we're here to support you every step of the way.

Let's create something amazing together.
Welcome to the team!
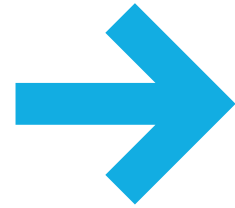
— The TOCODEPRO Team
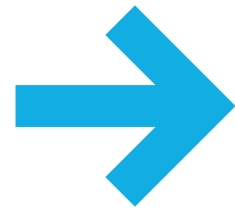
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TABLE OF CONTENTS

ABOUT US

At TOCODEPRO, we deliver complete digital solutions from custom software development and system integration to data-driven marketing and AI-powered services tailored to help businesses scale and innovate with confidence.
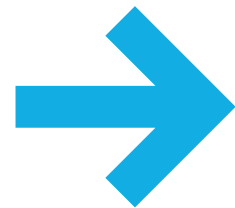
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AI & Software Engineering

Scalable, intelligent, and secure solutions powered by artificial intelligence and custom development.
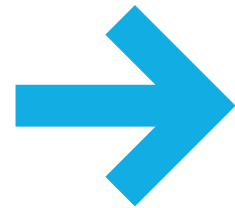
Design, UX & Branding

Building strong digital identities with intuitive, user-centered design.
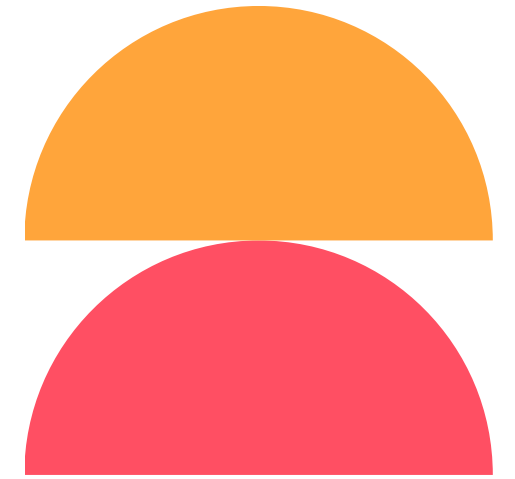
Cloud, Data & Intelligence

Robust infrastructure, advanced analytics, and cloud-native architectures to fuel growth.

Marketing, SEO & Growth

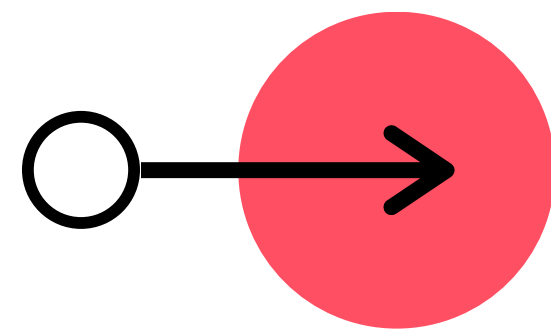Driving results through creative campaigns, search visibility, and conversion strategies.

OUR MISSION

TOCODEPRO

OUR
CORE VALUES

We embrace cutting-edge technologies to creatively and efficiently solve real-world challenges.

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Our Project Topics

At TOCODEPRO, we empower interns and team members to work on meaningful, high-impact projects that reflect real-world industry needs. Here are some of the key topics and areas we focus on:

1. AI & Machine Learning
2. Software Development
3. Cloud & DevOps
5. Cybersecurity
6. Design & UI/UX

REF #1

Topic:

EDA Processing & Real-Time Pipeline

Mission:

Development of a mini-platform to create and run real-time pipelines based on Event-Driven Architecture (Kafka, Python, ksqlDB), with a dedicated VS Code extension.

Number of Interns:

1 or 2

Internship Duration:

4 months ~ 6 months

contact@tocodepro.com

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Topic: **(Mobile & Web) Platform for Service Management (Hotel · Restaurant · Store)**

Mission: Development of a (mobile + web) platform allowing customers to submit their requests or issues in real time, and enabling service teams (maintenance, housekeeping, support, restaurant staff, etc.) to manage them efficiently through a centralized system.

Number of Interns: 1 or 2

Internship Duration: 4 months ~ 6 months

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REF #3

Topic: **Personalized Learning Path Generator**

Mission: Create a web app that generates personalized learning paths based on user goals, skills, and interests using AI recommendation systems.

Number of Interns: 1

Internship Duration: 4 months

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Topic: **Automatic Menu Extraction & Image Generation System**

Mission: The objective of this project is to develop an intelligent system capable of analyzing photos or scans of restaurant menus and converting them into structured, machine-readable data. The system will automatically extract menu items, their corresponding prices, and associated options or add-ons. It will also generate a representative image for each menu item using an AI-based image generation model. The system will rely on advanced Optical Character Recognition (OCR), natural language processing, and image generation technologies to ensure high accuracy and adaptability to different menu layouts, fonts, languages, and image qualities.

Number of Interns: 1 or 2

Internship Duration: 4 months ~ 6 months

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Topic: **MindInnovationBot – Agentic AI for e-commerce Innovation Insights in Africa**

Mission: Develop a modular, agent-based AI assistant that autonomously gathers, organizes, and updates information on e-commerce innovation, startups, and policy developments in the African region.

Number of Interns: 2

Internship Duration: 3 months

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Thank you for choosing TOCODEPRO.

YOUR JOURNEY STARTS HERE

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