

Yousef Romany

FULL-STACK DEVELOPER & AI AGENT ENGINEER

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PROFESSIONAL SUMMARY

Full-Stack Developer and AI Agent Engineer with 4+ years of software development experience building production web applications and intelligent automation systems. Delivered 20+ projects for 15+ clients across 6 countries spanning e-commerce, tourism, SaaS, and AI-driven customer support. Stack: React, Next.js, TypeScript, Tailwind CSS, Go (Fiber), NestJS, PostgreSQL, Redis, LangGraph, Docker, and Coolify. Proven ability to own end-to-end delivery—from architecture and backend engineering to AI agent workflows, automation, and production deployment.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, shadcn/ui, NextUI, Responsive UI, Figma

Backend: Go (Fiber), NestJS, RESTful APIs, GraphQL, TypeORM, Strapi CMS, PostgreSQL, Redis, SQL Optimization

AI & Agents: LangGraph (TypeScript), LangFlow, AI Chatbot Dev, AI Agent Dev, RAG, Prompt Engineering, Agentic Workflows

Automation: Trigger.dev (Background Jobs), n8n (Workflow Automation), Third-Party API Integrations

DevOps: Docker, Coolify, Linux, Nginx, SSL, SSH, CI/CD, Vercel, Render, Server Configuration

Tools: Git, GitHub, Agile/Scrum, Code Review, Technical Documentation, WordPress, WooCommerce

PROFESSIONAL EXPERIENCE

- AI Agent Developer**
Nexocodee – Remote

Aug 2025 – Present

 - ▶ Designed and developed AI agents and intelligent automation solutions for businesses using Large Language Models (LLMs), building AI-powered chatbots, customer support assistants, and workflow automation systems integrated with APIs, databases, and business tools.
 - ▶ Built Retrieval-Augmented Generation (RAG) applications, multi-step AI workflows, and custom web interfaces using Next.js and React, focused on scalable, reliable, and user-friendly AI solutions.
 - ▶ Improved productivity and automated repetitive tasks across multiple client deployments, enhancing customer experiences through intelligent agent-based systems.
- AI Agent Developer**
ZoeHolidays Travel Agency – Remote

Apr 2025 – Present

- ▶ Designed and developed AI-powered automation systems and intelligent agents for travel and customer service operations, building AI chatbots and workflow solutions to improve customer engagement and automate repetitive tasks.
- ▶ Developed smart assistant experiences capable of handling inquiries, booking workflows, and automated responses across multiple platforms, with scalable architecture and API integrations.
- ▶ Integrated third-party services, improved customer support response efficiency, and created scalable back-end services and AI integrations while monitoring and optimizing AI system performance.

Full-Stack Developer

Jun 2023 – Present

Anovation Studios LLC – Remote

- ▶ Developed and maintained scalable full-stack web applications using React, Next.js, TypeScript, NestJS, PostgreSQL, and Redis, building high-performance dashboards, automation systems, and AI-powered solutions.
- ▶ Worked on front-end and back-end development, API integrations, database design, authentication systems, and deployment workflows, contributing to improved application performance and reusable components.
- ▶ Delivered production-ready features for clients across multiple industries with a focus on clean architecture, responsive design, and optimized user experience.

AI Solutions Developer

2022 – Present

Freelance & Contract – Remote

- ▶ Designed and implemented AI-driven applications using modern LLMs and automation frameworks, creating intelligent systems for question answering, data processing, and business decision support through natural language interactions.
- ▶ Built conversational AI assistants using modern LLM technologies, implementing context-aware conversations, knowledge retrieval, multilingual support, API integrations, and custom workflows.
- ▶ Developed AI agents that automate business workflows, customer support, and content generation, focusing on accuracy, scalability, and user experience across multiple client projects.

SELECTED PROJECTS

BME Internship Portal

2025

Full-stack internship management platform with React frontend, Go (Fiber) backend, PostgreSQL, and Redis caching for high-performance data retrieval and session management.

React

Go

PostgreSQL

Redis

bme-internship.nexocodee.space

Pharaoh – Travel in Egypt

2025

Full-featured travel and tourism platform for Egypt destinations with dynamic content, destination guides, and fully responsive layouts built on a custom WordPress solution.

WordPress

Custom Theme

PHP

pharaoh.nexocodee.space

Matjari – E-Commerce Platform

2025

Custom WordPress theme and plugin development for a full-featured e-commerce platform with product management, cart, checkout, and order handling workflows.

WordPress

WooCommerce

Custom Plugin

matjari.nexocodee.space

Janes Brand – Brand Showcase

2025

Custom WordPress website for brand identity presentation with responsive layouts, product catalogs, and content management capabilities.

WordPress

Custom Theme

PHP

janes-brand.nexocodee.space

NexoCodee – Agency Website

2025

WordPress

Custom Theme

ZoeHolidays – Tourism Platform

Full-featured travel and tourism platform for Egypt destinations with dynamic content, booking information, and fully responsive layouts.

Jul 2024

Next.js

Tailwind CSS

NextUI

zoeolidays.com

Photographer Studio – Portfolio

Modern, responsive photography studio portfolio with light/dark mode, advanced image optimization achieving Lighthouse scores of 95+, and seamless UX across all devices.

Oct 2024

Next.js

Tailwind CSS

shadcn/ui

photographer-seven.vercel.app

Positivus – Landing Page

Conversion-focused landing page for booking consultations with animated sections and optimized Core Web Vitals, achieving a performance score of 98/100.

Jun 2024

Next.js

Tailwind CSS

shadcn/ui

positivus-landing-page

CERTIFICATIONS

Claude Code in Action – Anthropic	Jul 2026 · ID: xajuj6xa6vb3
Claude Code 101 – Anthropic	Jul 2026 · ID: guti8v8crguq
Claude 101 – Anthropic	Jul 2026 · ID: uf6u4dtuacu7
SQL (Advanced) – HackerRank	Sep 2025 · ID: d8b2cde3aa93
React Js – HackerRank	Mar 2025 · ID: 367adf5ffebb
C# – HackerRank	Apr 2024 · ID: f974cb662cd2

EDUCATION

ITI – Information Technology Institute

9-Month Professional Track – Full-Stack Web Development · Graduated 2025

Intensive, hands-on training covering React, Next.js, NestJS, PostgreSQL, and DevOps practices with focus on production-ready applications.

Catholic Schools of Assiut

General Secondary Certificate · Graduated 2023

EXTRACURRICULAR

- **Open Source Contributor** (2021 – Present) – Contributed to 5+ open-source projects in React and Node.js ecosystems, resolving issues and implementing features across developer communities of 1,000+ members.
- **Personal R&D Projects** (2020 – Present) – Built experimental applications with Tauri, LangGraph agentic pipelines, GraphQL subscriptions, and Next.js App Router to evaluate emerging technologies.

LANGUAGES

- Arabic – Native
- English – Upper Intermediate (B2)