

PROFESSIONAL PROFILE

Adam



Senior Full-Stack Developer

Senior full-stack experience spanning complex web systems, application architecture, infrastructure, cross-platform applications, and applied AI engineering. A substantial background in low-level programming, graphics, embedded systems, and realtime processing supports work on performance-sensitive and unconventional technical problems.



Web systems and architecture

Core areas include Laravel and PHP systems, application architecture, and API design. The related experience also covers React and Next.js frontends, Node.js, and professional WordPress platforms built with Roots Bedrock and Sage, Composer-managed packages, and project-appropriate Docker tooling.

Delivery and infrastructure

Delivery and infrastructure experience covers deployment-flow design and CI/CD automation with tools such as GitHub Actions and Jenkins. Additional areas include deployment with Docker and Linux runtime environments, integrations, and the infrastructure supporting production web systems.

Beyond web development

The broader software background includes C, C++, Embedded C, Java, Objective-C, Android, UnrealScript, and graphics development with OpenGL and WebGL. Experience with embedded systems, custom hardware, and C++ game programming contributes to work involving performance, reliability, and complex technical problems.

Applied AI engineering

AI work includes computer vision, image recognition, training and evaluation pipelines, model adaptation, and production integration. This is engineering work around data, models, infrastructure, and measurable behavior, rather than only the use of consumer AI tools or hosted chat APIs.

Flutter as cross-platform applications

More than seven years of Flutter development experience spans mobile, desktop, and web targets. NovaraCode's support chat includes Flutter-based Windows and mobile applications for the responding team, with real-time conversations and push notifications when a visitor sends a new message.

Research-led technical decisions

Unfamiliar or high-risk problems are approached through targeted research, prototypes, measurements, logs, and repeatable tests before major architectural commitments are made. This analytical process connects lower-level engineering, AI, infrastructure, and application development to decisions that can be explained and verified.

TECHNOLOGIES AND CAPABILITIES

Laravel

React / Next.js

WordPress / Sage

Node.js

PHP

TypeScript

CSS / HTML

Architecture

DevOps

Docker

Linux

CI/CD

GitHub Actions

Automation

MySQL

PostgreSQL

Elasticsearch

Security

Performance

Research

AI Engineering

Applied AI integration

Jenkins

Flutter

Firebase

Dart

C

C++

CMake

Lua

Embedded C

Java

Objective-C

Android

UnrealScript

OpenGL

WebGL

FFmpeg

OpenCV

TensorFlow

PyTorch

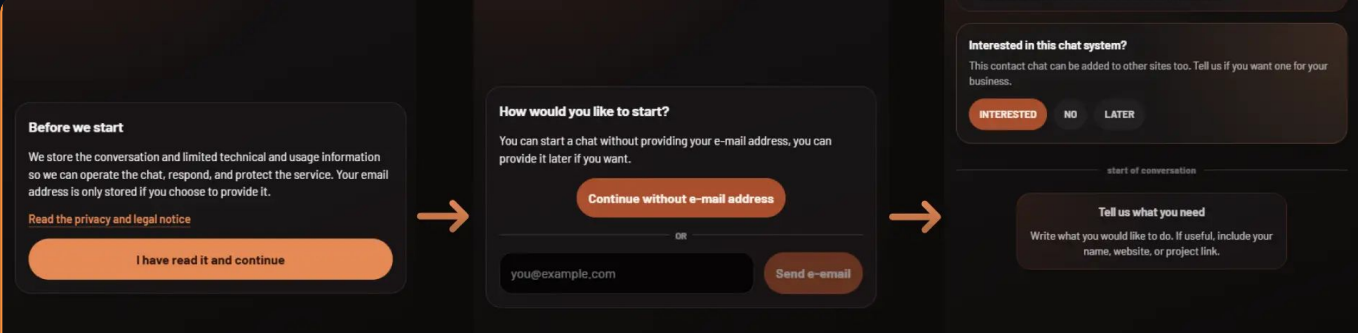
Python

Computer vision

Image recognition

Model training

Selected work



NOVARACODE SERVICE

Support chat

A configurable conversation service that helps businesses speak directly with visitors, customers, or their own teams through one focused chat experience.

[Next.js](#) [Laravel](#) [Reverb](#) [Redis](#)

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THE FUTURE BELONGS TO FACTORIES

AI RECOMMENDS

MAKE SURE THAT'S YOU.

[Create Factory Profile](#)

CLIENT WORK

FactoryZone.com

A custom international B2B platform where manufacturers publish flexible product catalogues and become directly discoverable to potential business partners.

[Laravel](#) [Next.js](#) [React](#) [Elasticsearch](#)

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CLIENT WORK

BrusselsSignal.eu

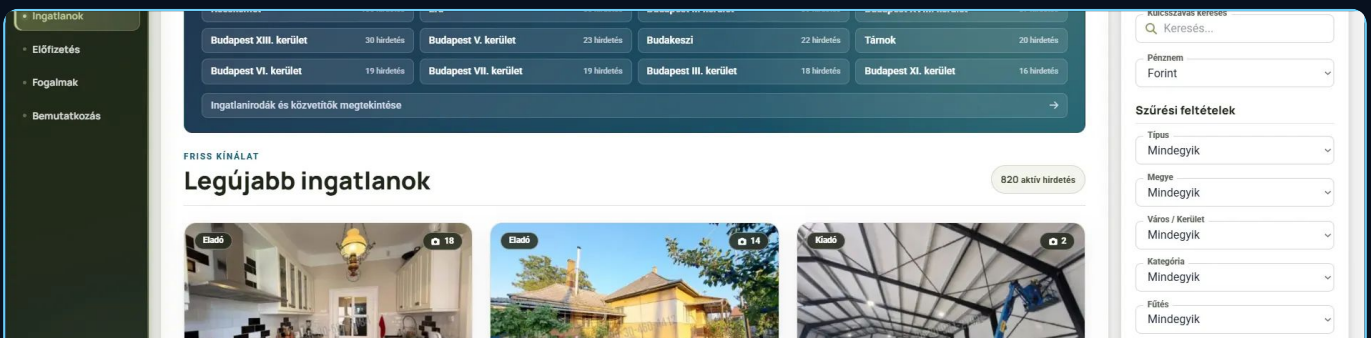
An international news and analysis platform covering European politics, economics, society, and world affairs for around 80,000 daily users.

WordPress

PHP

Elasticsearch

Docker

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CLIENT WORK

IngatlanMax.hu

An established Hungarian real-estate portal rebuilt as a modern platform for detailed property discovery, professional listing management, and subscription-based publishing.

WordPress

Bedrock

Sage

PHP

[View case study](#) →

NOVARACODE TOOL

Website Inspector

A free bilingual website analysis tool that turns public performance, security, HTTPS, technical SEO, AI visibility, email, and WordPress signals into an understandable report.

Next.js

Laravel

Docker

Redis

[View case study](#) →

NOVARACODE TOOL

WordPress Exposure Scanner

A free passive WordPress security tool that explains publicly observable version, plugin, theme, REST API, XML-RPC, file-exposure, and known-vulnerability signals without attacking the website.

WordPress

Laravel

Wordfence

Docker

[View case study](#) →**Selling wholesale? Have a video?****Share & Connect on BulkLive.com**

Upload unedited live videos about the production, manufacturing, processing, or packing of your bulk products.

Upload Video

or drop a file

avi, mov, mp4, mpeg, ogg, webm
Max. 100MB

Featured Products

CLIENT WORK

BulkLive.com

An international, video-only B2B marketplace where factories and suppliers present wholesale products and connect directly with interested buyers.

Laravel

Next.js

React

Elasticsearch

[View case study](#) →

NOVARACODE PLATFORM

NovaraCode.com

Our multilingual company platform combines service and case-study content with a realtime support chat, analytics, technical SEO, and a performance-focused Next.js frontend.

[Next.js](#)[React](#)[Laravel](#)[Flutter](#)[View case study →](#)

Services

DIRECT ACCESS TO SENIOR DEVELOPERS

Custom Web Development

Scalable, secure, and high-performance web applications built to match business goals and user needs.

[Product architecture](#)[SaaS](#)[Marketplaces](#)[Business platforms](#)[Explore service](#) →

BACKEND SYSTEMS AND APIS

Laravel & PHP Development

Robust backend solutions using Laravel and PHP to power complex, reliable, and future-ready applications.

[Laravel](#)[PHP](#)[Node.js](#)[REST](#)[GraphQL](#)[WebSockets](#)[Elasticsearch](#)[Explore service](#) →

FRONTEND AND PRODUCT INTERFACES

React & Next.js Development

Modern, fast, and SEO-friendly frontends with React and Next.js for exceptional user experiences.

[React](#)[Next.js](#)[TypeScript](#)[Accessibility](#)[Performance](#)[Explore service](#) →

MODERNIZATION, INFRASTRUCTURE, AND SUPPORT

Modernization & Maintenance

Improve performance, upgrade legacy systems, and provide ongoing maintenance to keep everything running well.

[Docker](#)[Nginx](#)[CI/CD](#)[Monitoring](#)[Migration](#)[Explore service](#) →

APPLIED AI ENGINEERING**Applied AI Development**

Purpose-built AI capabilities, including computer vision, model training, and production-ready AI workflows when an off-the-shelf integration is not enough.

Computer vision

Model training

LLM

RAG

Semantic search

Automation

[Explore service](#) →**ENGINEERED WORDPRESS PLATFORMS****Engineered WordPress Platforms**

Professional WordPress development with Roots Bedrock and Sage, controlled dependencies, strong security practices, and performance-focused delivery.

Bedrock

Sage

WooCommerce

Publishing

High traffic

[Explore service](#) →**FLUTTER AND CROSS-PLATFORM APPLICATIONS****Flutter & Cross-Platform Applications**

Mobile and desktop applications developed together with the backend, synchronization, notifications, and operational workflows they depend on.

Flutter

Android

iOS

Windows

Linux

macOS

Web

Offline workflows

[Explore service](#) →

AUTOMATION AND SYSTEMS INTEGRATION**Automation & Integrations**

Practical automation and dependable integrations that reduce manual administration and connect the systems a business already uses.

ERP integration

Data synchronization

Reporting

Workflow automation

Automated testing

Automated deployment

[Explore service](#) →**TECHNICAL PROJECT MANAGEMENT****Technical Project Management**

Practical planning, transparent task tracking, risk management, and direct technical coordination throughout delivery.

YouTrack

Git

Milestone delivery

Technical planning

Risk management

[Explore service](#) →**TECHNICAL RESEARCH AND FEASIBILITY****Technical Research & Feasibility**

Paid research and prototyping for unfamiliar, high-risk, or genuinely new technical problems before major implementation decisions are made.

Feasibility research

Prototyping

Architecture research

Risk assessment

[Explore service](#) →

HOSTING AND PRODUCTION OPERATIONS

Hosting & Operations

Managed infrastructure, deployment, monitoring, backups, and operational support adapted to the system's actual requirements.

[Linux](#)[Hetzner](#)[Docker](#)[Nginx](#)[Monitoring](#)[Backups](#)[Explore service](#) →