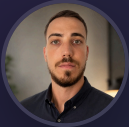


Marko Kajkut

Full-Stack Software Engineer · AI & Data Engineering



📍 Banja Luka, Bosnia & Herzegovina

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🌐 LinkedIn

📁 Upwork



PROFILE

JavaScript and Python expert with 5+ years across **full-stack development, AI engineering, data engineering and cybersecurity**. Full Stack Developer at JS Plus after three years as Data Engineer/Analyst at GaliaIT. I ship scalable apps with Node.js and Python (Express, NestJS, Django, FastAPI, Flask) and React, with a strong focus on performance, reliability and maintainability.

Experienced in **AI engineering** (LangChain, LangGraph, OpenAI API, Supabase, Vercel AI SDK) and **data pipelines** (Pandas, Spark, Airflow, Elastic Stack, Streamlit). Adept at bridging web systems, data infrastructure and AI into production-ready platforms — detail-oriented, with a focus on **automation and service excellence**.

EXPERIENCE

Full Stack Developer

Dec 2024 — Present

JS Plus · Full-time · Banja Luka, Bosnia & Herzegovina · On-site

- Build backend services with **Express.js + Prisma, Django and FastAPI**, and frontends with **React.js** and **Next.js**.
- Work across **TypeScript/Node.js** and **Python** with PostgreSQL, TypeORM and Django ORM — including realtime **Socket.IO**, Stripe, Auth.js / Clerk, DocuSign, AWS S3/Texttract, Meilisearch, Celery/Redis, NATS and Centrifugo.
- Ship **AI-integrated features**: OpenAI structured outputs, Vercel AI SDK, LangChain / LangGraph, pgvector search, and document-extraction pipelines (Pydantic, Camelot, vision models).

Express Prisma Django FastAPI React Next.js TypeScript
PostgreSQL OpenAI

Data Engineer / Analyst

Dec 2021 — Dec 2024

GaliaIT · Full-time · Banja Luka, Bosnia & Herzegovina · On-site

- Designed **ETL pipelines** with **Pandas, Docker** and **GitLab** for data engineering, analysis and visualisation.
- Built in-house **SOC analytics** software and infrastructure / **cybersecurity** analytics.
- Shipped **Streamlit** dashboard and reporting apps, plus monitoring and observability on the **Elastic Stack (ELK)**.
- Owned **DevOps and automation** — containerised services, CI, and operational tooling around security and data workflows.

Python Pandas Docker GitLab Elastic Stack Streamlit SOC

HIGHLIGHTS

5+

Years
experience

10+

Projects
shipped

TECHNICAL SKILLS

Languages

JavaScript, TypeScript, Python, SQL

Frontend

React, Next.js, Tailwind CSS, Shadcn UI, Streamlit, Matplotlib, Plotly

Backend

Node.js, Express, NestJS, Django / DRF, FastAPI, Flask, Celery / Redis, Socket.IO, NATS, Centrifugo

AI Engineering

OpenAI API, LangChain, LangGraph, Vercel AI SDK, RAG & Vector Search, Structured Outputs

Data Engineering

Pandas, Apache Spark, Apache Airflow, ETL pipelines, Elastic Stack (ELK), Streamlit Dashboards

Databases

PostgreSQL, pgvector, MongoDB, Redis, Elasticsearch, Meilisearch, Supabase · Prisma, TypeORM, SQLAlchemy

DevOps & Automation

Docker, GitLab CI, CI/CD, Playwright, Puppeteer, Selenium

Security

SOC Analytics, Cybersecurity, Auth & RBAC, JWT / OAuth, Clerk / Auth.js, Secrets Management

Integrations

Stripe, DocuSign, AWS S3 / Texttract, Microsoft Graph, WHMCS

Visual Data Scientist

Aug 2021 — Dec 2021

ARPM — Advanced Risk and Portfolio Management · Full-time · New York, USA · Remote

- Developed **Python data animations** with **Matplotlib** that describe mathematical and statistical laws for Data Science teaching.
- Edited Data Science lesson content and supported marketing for the ARPM curriculum.

Python

Matplotlib

Data Visualisation

DETAILS

OFFICIAL TITLE

Bachelor with Honours in Biomedical Engineering

UNIVERSITY

University of Novi Sad, Faculty of Technical Sciences

BORN

27th of June 1997

LOCATION

Banja Luka, Bosnia & Herzegovina

LANGUAGES

English — professional

German — working

Italian — working

Serbian / Bosnian / Croatian — native

STRENGTHS

- Detail-oriented and solution-driven
- Automation-first mindset
- Clean architecture & maintainable code
- Clear client communication

SELECTED PROJECTS

Poslici

MARKETPLACE

Local services marketplace for Balkan cities — Meilisearch, realtime messaging, Auth.js and i18n.

Next.js

React

PostgreSQL

Prisma

Socket.IO

Meilisearch

CrewBoard

SAAS

Multi-tenant HR leave SaaS — policy engine, approvals, Stripe subscriptions, AI leave assistant.

TypeScript

Next.js

Express

TypeORM

Stripe

Socket.IO

LawSuite

SAAS

Legal case management for class-action firms — intake, DocuSign, Outlook sync, Texttract, OpenAI.

React

Express

Prisma

AWS S3

DocuSign

OpenAI

Ulta AI

FULL-STACK

AI platform for hosting ops — agentic plan/execute loops, pgvector catalog, NATS/Centrifugo streaming.

React

Express

Vercel AI SDK

pgvector

MongoDB

NATS

EVD Invoice Parser

AI TOOL

Hybrid extraction for German excise PDFs and B2B invoices — Camelot, LLM outputs, Excel export.

Python

Streamlit

OpenAI

Pydantic

Docker

Raina Music

PLATFORM

Venue music backend — event playlists, S3 catalog, DAC player control, Celery and Centrifugo.

Django

DRF

Celery

Redis

Centrifugo

Docker