

ALEKSANDAR STOJANOVIĆ

Senior Software Engineer - Entrepreneur

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Belgrade, Serbia

ABOUT ME

Hi! I'm a software engineer focused on building systems for data collection, automation, and internal tooling — essentially the kind of software that quietly does the hard work while everyone else takes the credit. I enjoy designing reliable backends, streamlining messy processes, and experimenting with new technologies just to see what they're capable of (and occasionally what they can break). Always curious, always tinkering, and usually knee-deep in some new idea or side project.

EXPERIENCE

Senior software engineer - Betting Platform

ExcellentReel

📅 01/2026 current 📍 Belgrade, Serbia(remote)

- Was part of the core development team behind a completely modular betting platform tailored to different client needs.
- Developed and oversaw microservices using Golang responsible for player management and wallet usage.
- Covered the setup with extensive tests to ensure smooth operation.
- Collaborated with external developers and managed new client integration.

Senior software engineer - Simulations

ExeFeed

📅 04/2025 current 📍 Belgrade, Serbia(remote)

- Designed and implemented a real-time simulation engine for a betting platform, processing live sports match data and client inputs.
- Integrated AI-based logic using **OpenAI** to generate realistic simulated outcomes, supporting various sports (football, tennis, basketball, etc.).
- Developed data pipelines for ingesting, transforming, and storing live match feeds using **Kafka** and **DuckDB (Parquet format)**.
- Built support systems for match metadata management, market definitions, and transaction replay.
- Enabled automated simulation replays and batch backloads for historical data analysis and testing.
- Focused on high throughput, data integrity, and resilience in a multi-client production environment.

Senior software engineer - Data collection

PipeLaunch

📅 02/2025 04/2025 📍 Germany, Mainz (remote)

- Developed an **AI website scraper** that can scrape job postings from websites using just a link.
- Designed the backend infrastructure for a robust data pipeline.
- Made changes to existing data collection infrastructure.

PROJECTS

Encrypted RSA chat app

Small project I did while learning about encryption protocols that support fully anonymous messaging protected by RSA encryption protocol.

Platform for tracking and managing package delivery

Small app for helping small/medium businesses manage their shipments.

Minesweeper Auto-solver

A bot that solves minesweeper by playing instead of you as long as the game is visible on screen.

Inventory management system

A service for generating yearly inventory reports and keeping track of school property. Developed while working at my school.

Ticketing system

A small app used by teaching staff to generate tickets for me and my coworkers in order to stay on top of things easier.

Mini LPFR processor

A small app written in Go for processing payments from modern POS terminals and sending them to the NBS authority server

Custom invoice PDF generator

Fully customizable drag-and-drop invoice layout generator with scheduling and email sending capabilities.

AI Chess game

Implemented a chess agent that can beat StockFish up to level 3

AI Data enrichment platform

Implemented a small proof-of-concept AI platform that turns data sets into a query-able knowledge pool.

OCR content detection and automation

Implemented ocr analysis in combination with automation libraries to automate data extraction and also execute advanced mock testing

Co Founder & Software engineer

Trendy LLC

📅 07/2024 11/2024 📍 Netherlands, Amsterdam (remote)

- Developed **undetectable bots** using **NodeJS** and **Playwright** for complex data collection, incorporating a rotating proxy setup to bypass regional blocks.
- Designed and implemented **scalable data collection** services with **BullMQ**, including **job schedulers** and **monitoring systems**.
- Built a **React**-based app with **ChartJS** for interactive data visualization.
- Automated **AI script deployment and scheduling** through a custom service.

Senior Software Engineer

InCommodities

📅 11/2020 03/2024 📍 Aarhus, Denmark (remote)

- Managed US data collection setup as the sole engineer, developing services, APIs, and data acquisition scripts using **NodeJS**, **Python**, and **F#** for high-frequency trading.
- Improved performance and stability by enhancing **data pipelines**, **SDKs**, and **building dashboards with alerting services**, reducing errors by **33%**.
- Collaborated with traders and analysts to create a **Python ETL** setup with **Argo Workflows**, enabling non-technical staff to build tools.
- **Mentored** new team members, ensuring smooth **onboarding** and adoption of best practices.

Game Programmer

Frontmen Studio

📅 06/2021 10/2021 📍 Belgrade, Serbia

- Developed web slot games for casinos, enhancing performance in an **AngularJS** game engine.
- Streamlined deployment with scripts, boosting productivity by 40%.
- Built a **ReactJS**-based game catalog to showcase products to future partners.

Founder

Costal Solutions

📅 10/2021 📍 Belgrade, Serbia

- Built and sold various **web apps** and **services**.
- Custom software development (web scraping/data collection services)
- analytics desktop apps

Technical Personnel Lead

Mašinska škola "Radoje Dakić"

📅 12/2017 10/2021 📍 Belgrade, Serbia

- Maintained upwards of 200+ PC used throughout the school
- Boosted overall IT infrastructure quality by **mentoring teaching staff** on utilizing cloud services in order to boost productivity.
- Developed a **ticketing system** for technical personnel for easier problem identification and resolution.
- Deployed network infrastructure stack to support network monitoring and domain blocking.

Sports betting odds tracker

Developed and deployed a private projects (later sold) for tracking odds against online casinos

Train Map

While learning Golang i developed an app that lets you track train positions in Balgrade depending on their schedule. Fun project that utilizes real-world station coordinates and time tables to track the trains and give an estimate.

EDUCATION

BSc in Computer Science

Računarski fakultet

📅 10/2017 01/2022 📍 Belgrade, Serbia

SKILLS

Languages & Frameworks

- NodeJS,
- Python,
- F# - beginner
- Java,
- TypeScript,
- Golang - mid/senior
- ReactJS
- VueJS
- Serverless (AWS lambdas)
- WXT (browser extension framework)

Backend & Solutions

- Kafka
- RabbitMQ
- BullMQ
- PM2
- REST
- GraphQL

CI/CD & Infrastructure

- Jenkins
- Argo CD
- Github Ops
- Spinnaker
- Docker
- Kubernetes

General Skills

- Data pipelines
- ETL/ELT
- Data collection
- Web scraping
- Automation
- Game development
- Mentoring

Development Practices

- Software design
 - Software testing
 - Analysis
 - TDD - test driven development
 - Functional programming
 - Agile/Scrum
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