# Łukasz Głowacz
## SOFTWARE DEVELOPER

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Software Developer with **2+ years of commercial experience**, specializing in **full-stack web applications** using **Python** (FastAPI, Django REST Framework) and **TypeScript** (React). Currently developing sports management platform at **Playmaker.pro**.

Built **production systems** end-to-end with **70%+ test coverage**, from architecture design through implementation to deployment. Proficient in **authentication**, **role-based access control**, **REST APIs**, **automated testing**, third-party integrations, and cloud deployments. Strong focus on **agile collaboration** and scalable architecture.

## </> TECHNICAL SKILLS

**Core Stack (Daily Use):**

TypeScript · React · Python · FastAPI · PostgreSQL · Material-UI · Zustand · SQLAlchemy · Docker · pytest · Vitest

**Backend & APIs:**

Django REST Framework · Django · Node.js · Express · Flask · Pydantic · REST API · OpenAPI · JWT Auth · RBAC

**Frontend & UI:**

Next.js · Vite · Prisma · HTML5 · CSS3

**Testing & Quality:**

pytest · Vitest · Jest · Playwright · Supertest · ESLint · Prettier · CI/CD

**DevOps & Cloud:**

Docker Compose · GitHub Actions · Jira · AWS · Heroku · DigitalOcean · Git

**Tools:**

Postman · Figma

## 🧳 EXPERIENCE

### Full Stack Developer
Dec 2025 - Present

Playmaker.pro - Warsaw, Poland

Developing production features for sports management platform serving athletes, clubs, and sports officials. Working in agile development team on real-time communication systems, backend architecture, and frontend user experiences.

- Building full-stack features with React 18 + TypeScript and FastAPI + Python
- Implementing real-time messaging systems with WebSocket and REST API
- Designing scalable backend services using SQLAlchemy ORM and PostgreSQL
- Creating responsive Material-UI interfaces with modern state management
- Writing comprehensive test suites (unit + integration) maintaining 70%+ coverage
- Collaborating with product team and CTO on feature design and architecture
- Contributing to CI/CD pipeline improvements and code review process
- Participating in agile ceremonies using Jira (sprint planning, task management, standups, retrospectives)

**Technologies:** React, TypeScript, Python, FastAPI, PostgreSQL, Material-UI, Zustand, SQLAlchemy, Docker, pytest, Vitest, CI/CD, GitHub Actions, Jira

### Full Stack Engineer
Aug 2024 - Nov 2025

Gurudo - Stockholm, Sweden

Developed and launched Gurudo Geo, a geolocation-based workforce management SaaS platform for construction companies. Led complete full-stack development from architecture design through production deployment and customer support.

- Built Django REST Framework backend with PostgreSQL implementing geolocation validation (100m radius), JWT authentication, role-based permissions, and automated PDF report generation
- Developed React + TypeScript frontend with real-time workforce monitoring, responsive mobile-first design, and Stripe per-seat subscription billing
- Implemented payment infrastructure with Stripe webhooks, automated email workflows (Klaviyo), and external API integrations (Google Maps)
- Deployed and maintained production system on DigitalOcean with Docker, managing customer onboarding and technical support
- Achieved production launch with paying customers and ongoing feature development

**Technologies:** Python, Django REST Framework, React, TypeScript, PostgreSQL, Stripe API, Klaviyo, Docker, DigitalOcean, Google Maps API, JWT

## Freelance Software Developer

Sep 2023 - Nov 2025

Upwork, Freelancer - Remote

Delivered multiple commercial projects for international clients via Upwork and Freelancer, working remotely and independently from requirements analysis through implementation to deployment. Specialized in full-stack web applications, API development, and third-party integrations.

- Built full-stack applications using React, Next.js, Node.js, and Django REST Framework
- Developed RESTful APIs with Laravel, Express.js, and Django for various client applications
- Implemented authentication systems with JWT and role-based access control
- Integrated payment gateways (Stripe) and third-party APIs (Klaviyo, Google Maps)
- Debugged and resolved complex backend issues including API routing and authentication errors
- Designed database schemas and optimized queries for PostgreSQL and MySQL
- Deployed applications to cloud platforms (AWS, Heroku, DigitalOcean) with Docker
- Communicated directly with international clients to gather requirements and deliver solutions

**Technologies:** React, Next.js, Node.js, Express, Django REST Framework, Laravel, PHP, PostgreSQL, MySQL, Docker, Stripe API JWT Authentication

## 🧩 PROJECTS

### Sports Messenger

Dec 2025

React 18, TypeScript, FastAPI, Python, SQLAlchemy, Material-UI, Zustand, Pydantic, Docker Compose

Full-stack messaging application for athlete-official communication. Technical recruitment project for Playmaker.pro position. Built in 4 hours using AI-assisted development methodology.

React 18 + TypeScript + Material-UI responsive UI · FastAPI + Python async backend · Zustand state management · role-based messaging limits (100/day athletes, 5/day per official) · contact exchange system · SQLAlchemy ORM · Pydantic validation · 28 automated tests (pytest + Vitest) · 69% code coverage · Docker Compose deployment · comprehensive documentation (README, TESTING, ARCHITECTURE)

**GitHub Repo**

### Personal Expense Tracker

Jul 2023

Python, Google Sheets API, CLI, Heroku, data validation, service account authentication

Command-line expense management application with Google Sheets synchronization.

Structured CLI workflows · input validation · 15 expense categories · date & numeric validation · year/month analytics · comparisons (month vs month, year vs year) · Google Sheets read/write synchronization · service account authentication · environment-based secrets · PEP8 compliant code · manual testing · Heroku deployment

**GitHub Repo**

### Norton Inspiration

Mar 2023

Python, Django, PostgreSQL, Bootstrap, Cloudinary, user authentication, admin panel, CRUD operations

Full-stack web application with user authentication and admin-moderated content workflow.

User authentication & authorization · CRUD posts and comments · admin-moderated content workflow · likes & comments system · Django ORM data modeling · Cloudinary media storage · responsive UI · form validation · Django admin panel · email integration (Mailtrap) · automated tests (Django TestCase) · Heroku deployment

**GitHub Repo**

## 🎓 EDUCATION

University of Gdansk - Bachelor of Science

## 🔤 LANGUAGE

Polish (Native) · English (Professional) · Swedish (Intermediate)