

# Łukasz Głowacz

## SOFTWARE DEVELOPER

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Software Developer with 3 years of professional development experience, specializing in full-stack web applications with modern **JavaScript/TypeScript** frameworks (**React**, **Next.js**) and **Python** backends (**Django REST Framework**, **FastAPI**). Building production software since **November 2022**, progressing from freelance client projects through **founding SaaS company (Gurudo)** to currently developing **enterprise sports management platform** at Playmaker.pro serving **thousands of users**.

Built **production systems end-to-end** with **70%+ test coverage**, from architecture design through implementation to **cloud deployment**. Proficient in **multi-database architectures** (**PostgreSQL**, **MongoDB**, **Redis**), **authentication systems**, **role-based access control**, **REST APIs**, **real-time features**, **automated testing**, **CI/CD pipelines**, and **scalable cloud infrastructure**.

## TECHNICAL SKILLS

### Core Stack (Daily Use):

TypeScript • React 18 • Next.js 14 • Python • Django REST Framework • FastAPI • PostgreSQL • Docker

### Backend & APIs:

Django 3.2 • Django REST Framework • FastAPI • Express • Node.js • Flask • REST API • OpenAPI • JWT Auth • OAuth 2.0 • RBAC

### Frontend & UI:

Next.js 14 (App Router) • React 18 • TypeScript • Tailwind CSS • Material-UI • React Query • Zustand • NextAuth.js • React Hook Form • Yup • HTML5 • CSS3

### Database & Caching:

PostgreSQL • MongoDB • Redis • SQLAlchemy • Prisma • Django ORM

### Task Queue & Background Jobs:

Celery • Redis (message broker) • django-celery-beat

### Testing & Quality:

pytest • Vitest • Jest • Playwright • Supertest • ESLint • Prettier

### DevOps & Cloud:

Docker • Docker Compose • GitHub Actions • CI/CD • Ansible • Nginx • AWS • DigitalOcean • Heroku

### Tools & Collaboration:

Git • GitHub • Jira • Postman • Figma • Swagger/OpenAPI • Poetry • Vite

## EXPERIENCE

### Full Stack Developer

**Playmaker.pro** - Remote

*Dec 2025 - Present*

Developing production features for enterprise sports management platform serving thousands of athletes, clubs, and officials. Working in agile team on real-time systems, transfer marketplace, payment integrations, and multi-database architecture.

- Building full-stack features with Next.js 14 (App Router, Server Components) + TypeScript frontend and Django 3.2 + Django REST Framework backend serving production traffic

- Architecting multi-database solutions: PostgreSQL for relational data, MongoDB for analytics and scraped data, Redis for caching, sessions, and Celery task queue
- Implementing business features: transfer marketplace, Tpay payment integration (cards, transfers, BLIK), real-time notifications (push, email, in-app), social features with follower system
- Developing responsive UI with Tailwind CSS, React Query for server state, Zustand for client state, React Hook Form with Yup validation, NextAuth.js authentication (JWT + OAuth 2.0)
- Building scalable backend: DRF APIs with OpenAPI docs, Celery distributed task queue (async emails, thumbnails, periodic tasks), JWT auth, role-based permissions
- Writing comprehensive test suites maintaining 70%+ coverage (pytest, Vitest/Jest), implementing CI/CD pipelines with GitHub Actions
- Contributing to infrastructure: Docker Compose environments, Ansible deployment automation, Nginx configuration, monitoring with Sentry and Grafana
- Collaborating with CTO on architecture decisions, participating in agile ceremonies (sprint planning, standups, retrospectives), managing Jira tickets

**Technologies:** Next.js 14, React 18, TypeScript, Django 3.2, DRF, Python, PostgreSQL, MongoDB, Redis, Celery, Tailwind CSS, React Query, Zustand, NextAuth.js, OAuth 2.0, JWT, Docker Compose, Ansible, Nginx, GitHub Actions, CI/CD, Jira, Sentry, Grafana, OpenAPI, Poetry, Tpay API

## Full Stack Engineer

**Gurudo - Stockholm, Sweden**

**Aug 2024 - Nov 2025**

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

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

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

## Freelance Software Developer

**Upwork, Freelancer & Direct Clients - Remote**

**Nov 2022 - Nov 2025**

Started building production web applications in November 2022, delivering commercial projects for international clients. Worked independently from requirements through deployment, specializing in full-stack applications, API development, and third-party integrations. Built applications using React, Next.js, Node.js, Django REST Framework, and Laravel. Implemented authentication systems (JWT, OAuth), payment gateways (Stripe), designed database schemas (PostgreSQL, MySQL), and deployed to cloud platforms (AWS, Heroku, DigitalOcean).

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

## PROJECTS

### Gurudo Geo - Geolocation Workforce Management SaaS

**Aug 2024 - Nov 2025 • [GitHub Frontend](#) • [GitHub Backend](#) • Production SaaS with paying customers**

Full-stack geolocation-based workforce management platform for construction companies. Django REST Framework + React + TypeScript. Features: 100m geolocation validation, JWT authentication, role-based permissions, automated PDF reports, real-time workforce monitoring, Stripe per-seat billing, Google Maps integration, Docker deployment on DigitalOcean.

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

## Sports Messenger

Dec 2025 • [GitHub](#) • *Technical recruitment project for Playmaker.pro*

Full-stack messaging application for athlete-official communication built in 4 hours. 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.

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

## Personal Expense Tracker

Jul 2023 • [GitHub](#)

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 sync, service account authentication, PEP8 compliant, Heroku deployment.

**Tech:** Python, Google Sheets API, CLI, Heroku, service account authentication

## Norton Inspiration

Mar 2023 • [GitHub](#)

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.

**Tech:** Python, Django, PostgreSQL, Bootstrap, Cloudinary, authentication, admin panel, CRUD operations

## EDUCATION

### Bachelor of Science

*University of Gdansk*

### Full-Stack Software Development Diploma

*CODE Institute • 2021-2022*

## LANGUAGES

Polish (*Native*) • English (*Professional*) • Swedish (*Intermediate*)