FULL-STACK SOFTWARE ENGINEER & SYS ADMIN

# Grzegorz Banaś

**Web apps, servers** and *embedded electronics*, from first sketch to production.



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LOCATION
Gliwice, Poland · remote

## PROFESSIONAL SUMMARY

**Full-stack developer and server administrator with 10+ years of building web applications.** I work from React / Vue and TypeScript front-ends, through Node.js and PHP back-ends, to the FreeBSD and Linux servers they run on. 100+ delivered projects; since 2016 I have run my own company, owning the whole cycle: design, code, deployment and maintenance. I also design embedded electronics (ESP32, AVR, PCB). Looking for projects and teams where software has to be fast, maintainable and quietly reliable.

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|---|---|
| 10+ | years of experience |
| 100+ | completed projects |
| 99.9% | successful collaborations |

## EXPERIENCE

2016 - now

### UNITI — Owner, Full-stack Developer

GLIWICE · ON-SITE

- Run my own software company end to end: scoping and estimates, design, development, deployment and long-term maintenance for business clients.
- Designed and built web apps and PWAs in React, TypeScript and Node.js, incl. a self-hosted file manager with resumable uploads and backups (**Files**) and an off-road community map (**Gdzie pojeździć?**).
- Administer FreeBSD (jails) and Linux servers hosting client websites and mail; wrote a Rust daemon with a React panel to monitor the server and control its jails (**FreeBSD Jails Panel**).
- Design embedded devices from schematic and PCB to firmware (ESP32, AVR, MQTT), e.g. an automatic PCB etching machine and a digital bridge for a ham radio repeater.
- Build AI automations end to end: the model, the code around it and the guardrails, with a person signing off the result.

2017 - 2024

### GONG — Front-end Web Developer

GLIWICE · HYBRID

- Developed front-ends of websites and web applications in Vue and TypeScript (Tailwind CSS, daisyUI, SCSS) over seven years.
- Turned Figma designs into responsive, production-ready interfaces on WordPress and custom PHP back-ends; containerised local environments with Docker.

2016 - 2020

### Ce5 — Full-stack Web Developer

WARSAW · REMOTE

- Developed PHP applications (Yii2, WordPress) backed by PostgreSQL and MySQL, fully remotely.
- Built front-end features in TypeScript and LESS; planned and tracked work in Jira.

2017 — **i-systems.pl** Back-end Web Developer — GLIWICE · ON-SITE

- Built object-oriented PHP back-ends with MySQL, deployed on nginx.

2016 — **Software Interactive** Front-end Web Developer — KATOWICE · ON-SITE

- Developed web application front-ends in Angular, SASS and LESS.

2013 - 2016 — **Undicom.pl** Lead Full-stack Developer — GLIWICE · ON-SITE

- Led the development team and owned the technical direction of client projects.
- Built CMS and CRM systems in PHP (Zend Framework) with MySQL on Apache.

**Earlier:** Full-stack Web Developer, Gradient, Gliwice (2013): websites in PHP and MODX, graphic design and DTP · Sales Consultant, AutoWAK, Gliwice (2010 - 2012) · Production Line Leader, ABP Food Group, Doncaster, UK (2007).

## SKILLS

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|---|---|
| **Frontend** | TypeScript, JavaScript, React, Next.js, Vue, Angular, Tailwind CSS, SCSS / LESS, PWA |
| **Backend** | Node.js, PHP (Statamic, WordPress, Yii2, Zend), REST, WebSocket / Socket.IO, Rust |
| **Databases** | PostgreSQL, MySQL / MariaDB, MongoDB, SQLite, PocketBase |
| **Servers & DevOps** | FreeBSD (jails), Linux, nginx, Apache, Docker, GitLab CI, backups and monitoring |
| **Electronics** | ESP32, AVR, Arduino, C / C++, PCB design (Eagle), Fusion 360, MQTT, RF |
| **AI** | LLM automations, integrations, guardrails |
| **Tools** | Git, GitLab, Jira, Figma, Photoshop, Illustrator |

## CERTIFICATIONS

**Sales Management in an Electronic Company**
University of Economics in Katowice, 2013

**Automation and Robotics in Production Processes**
TÜV SÜD Polska, 2009

**Computer-aided Design of Machine Components**
TÜV SÜD Polska, 2009

**Programming and Operation of CNC Machines**
TÜV SÜD Polska, 2009

**Programming Simatic S7-200 Controllers**
TÜV SÜD Polska, 2009

## CLIENTS' BRANDS

**Netflix, ING, Decathlon, Żabka, Tyskie, Lotos, Tauron, L'Oréal, Kompania Piwowarska, Colian, Familijne, Paczka w RUCHu, TVS**

Brands I've delivered work for, directly or through agencies.

All projects and case studies on my website: **grzegorzbanas.dev ↗**

I hereby consent to the processing of my personal data included in this CV for the purposes of the recruitment process, in accordance with Regulation (EU) 2016/679 (GDPR).