

# Gniewomir Świechowski

- Full stack/backend developer
- 12 years of varied commercial experience
- Cracow, Poland
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## Baseline expectations

- Remote or non-mandatory hybrid
- TypeScript, PHP, *[rusty]* Python, *[retraining]* Go or Java
- Full stack or backend positions, no full-time frontend
- Legacy to nurture back to health, not palliative care
- Testing/CI as part of engineering culture
- Full-time Linux user, but I don't mind macOS
- No early-morning meetings
- No live/whiteboard coding as part of the process
- B2B contracts preferred strongly over employment
- Invoice from 5250 EUR or 6000 USD net
- I will take into account PTO, RSU, bonuses

# Who am I as a professional

- Self-taught developer with around 12 years of commercial experience of which 9 are relevant; hobby interest as a kid
- Concerned with managing complexity at the project level as the first order of business
- I consider automated tests a requirement, not an afterthought—development speed is a function of quality.
- I consider static code analysis and code standard enforcement tools as a must, preferably applied from the start
- Focused on SOLID, testable, maintainable code, and developer experience
- Fan of the CQRS/DDD combo in complex applications, as it enforces a clear application interface, promotes knowledge preservation, and enables the creation of easy-to-write, easy-to-read, and cheap-to-maintain tests, by allowing the readable, self-validating setup of application state before testing—making canonical TDD possible at scale
- Current stacks:
  - PHP with Symfony/Laravel/WordPress and vanilla flavor
  - TypeScript with Node/NestJS/Express/React/Redux/GraphQL/REST/etc. and supporting toolchain
  - *[rusty]* Python with Django/DRF
  - Open to switching from React to Angular, Vue
  - Open to switching from PHP to Go, Java
  - I'm open to learning other technologies, and I can be productive with most of them before the end of the grace period
- Not a DevOps, but I was setting up and maintaining CI pipelines for SMB, and used Docker, Terraform, Ansible, GitHub, GitLab, etc. to keep infrastructure in VCS. Worked with Azure, DigitalOcean, and - in a limited capacity - AWS
- Not a database geek, but on friendly terms with PostgreSQL - I can act on `EXPLAIN ANALYZE` results or switch to another dialect with some help from the documentation. Still waiting for a good excuse to use a NoSQL database instead
- Happy to create a frontend as part of work on a full stack project or to set up its foundations for other developers to use - as I did many times before, but not interested in doing frontend full-time
- Typically, I will try to adhere strictly to standards already in place and learn, until I understand why things are done the way they are. Then, with a better understanding of stack and domain, I will look for ways to remove the bottlenecks for the team and my productivity

# Who am I as a person

- I have strong opinions but loosely held. I'm aware that every decision will be a trade-off. I seek learning opportunities
- Clean-code aficionado; I work well in a team with open-minded & more pragmatic devs. We keep each other in check
- Very wide, although often shallow, knowledge of current trends, technologies, and tools used in the backend, frontend, and operations. I prefer keeping mental bookmarks and evaluating tools for the job when a need arises with a growing skew toward their maturity
- Research skills and curiosity allow for fast adaptation to new methodologies, tools, and technologies, but I have no expert-level knowledge in any particular field. A consequence of being a full stack with a background in fast-paced Internet media
- No management ambitions (*read: I like to code, not to manage*), although I value independence and ownership. However, I assumed the role of informal tech lead when no one else could fill this shoes
- Able and eager to bring legacy projects up to current standards—if the company is committed to it already, but I'm tired of explaining exponential compound interest on Technical Debt. Bring me in to build or improve things, not for palliative care
- Poor interview skills, as I tend to focus on high-level concepts, not things I can and I do Google all the time. Haven't trained for white-board algorithmic challenges. The best way of assessing my value for a potential employer is a recruitment task or an interview with a developer of similar or greater experience
- Used to and fond of working in international, diverse teams and English-only communication - both verbally and in writing
- Privately I love good reportage or sci-fi, vintage cocktail bars, and switching from one nerdy obsession to another. I have random bits of trivia and sometimes even an opinion about a random list of things from historic naval warfare to why Florence Welch is the best modern singer. Do not try to argue with me about the last one, anything else is fair game

# Experience

## **Ownplay Inc.** startup, mobile game, USA **Software consultant** remote, from 11-2022 to 05-2023

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Greenfield project, layered architecture, CQRS, DDD, TDD.

- Created backoffice APIs, SPA admin panels, and part of analytics for a mobile game, and its web-based prototype
- Built infrastructure for testing, and convinced the team to adopt the same approach for the rest of the project
- Pointed out and/or fixed multiple flaws in our database schema design
- Coached junior developers

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TypeScript   NestJS   PostgreSQL   REST+OpenAPI   React   React Query   Redux   MUI   Docker   Firebase   BigQuery

The contract ended, as there was no more work until a company gathers enough data from the prototype.  
Point of contact for references available on request: our Project Manager



## **Aterian (NASDAQ: ATER)** e-commerce/logistic/ML company, USA **Backend developer** hybrid, from 11-2020 to 11-2022

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Greenfield project, layered architecture, CQRS, DDD, TDD.

- As a team, we built from scratch working multi-tenant affiliate platform on top of the Amazon Attribution program, before appropriate APIs were even available and backoffice for parts of the process that could not be automated
- Built a BDD-like testing solution allowing for fast writing human-readable integration/E2E tests
- Built specification-driven prototype of our planned public APIs
- In addition to backend work, I've set up our frontend architecture, which provided a Stimulus-like experience for our frontend developers, after we decided against React and SPA frontend
- I performed some light DevOps and security-hardening tasks

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PHP   Symfony   PostgreSQL   TypeScript   Vagrant   Jenkins   GitHub   Ansible   Terraform   Azure

After all the other team members decided to quit in three months I followed in their footsteps.  
Point of contact for references available on request: our Team Leader



## **Dogadamycie sp. z o.o.** computer assisted translation company, PL

### **Full stack developer** remote, from 01-2019 to 10-2020

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I've migrated the code base from "ball-of-mud" to event-driven architecture, in a successful attempt to extract lost business knowledge from the previously outsourced solution, cover critical functionality with tests, and then possibly extract the whole domain from the framework. It worked, by reducing the overhead of constant, and semi-blind bug-fixing sapping reduces that would be better spent on R&D.

- Taken the role of informal teach-lead during a process of bringing in previously outsourced software
  - Dockerized our infrastructure, set up GitLab and private container registry, built CI pipelines
  - Performed incremental migration from spaghetti to event-driven, reasonably testable architecture
  - Offloaded long-running and external, pooled workloads to queue
  - Introduced automated testing
  - Made our frontend code modular and component-based
  - Created a unified customer panel to replace 7+ separate ones—doing the same in a slightly different way
  - Greatly improved UX customer journey and automatic valuation process for our customers
  - Integrated multiple payment systems, including proper event-driven edge-case handling Stripe
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PHP Laravel PostgreSQL Redis JavaScript JQuery GitLab Docker

I've put my notice, after an unsuccessful attempt to formalize my de-facto role in the company  
Point of contact for references available on request: our CTO



## **Joymile** startup, a middleman in sales and technical inspections of used cars, PL

### **Full stack developer** onsite, from 04-2018 to 01-2019

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In place where microservices light—understood as a set of independent, minimal Django sub-applications communicating via REST endpoints or events brokered by Kafka. Deployed together on a single server, but ready to be extracted and scaled independently at a moment's notice, when additional overhead will be justified by scale or reliability requirements. React SPA on the front feed and configured by our GraphQL API. All of it where already well-tested.

- It took me two weeks to move from not knowing Python/Django to writing tested production code, and another two months to being able to contribute actual improvements to our whole code-base
  - Moved legacy PHP supporting systems and almost 3-years worth of data to our main infrastructure
  - As a team, we built a very sleek customer journey that provided both great UX and gathered every possible bit of data that could help our sales which we feed to our CRM and marketing automation
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Python Django PostgreSQL Redis Kafka GraphQL JavaScript React Redux Docker

The company dissolved after a third unsuccessful pivot when it became obvious that parts of our sales pipeline cannot be automated. Therefore, additional staff required will prevent us from scaling as efficiently as investors expected.  
Point of contact for references available on request: our CTO



**Gremi Media SA** publisher of "Rzeczpospolita" and rp.pl, PL

**Technical Architect** onsite, from 09-2016 to 03-2018

**Team Leader** onsite, from 04-2016 to 08-2016

**Senior Web Developer** onsite, from 10-2015 to 03-2016

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Starting architecture could be described as "the less you know, the better you sleep", migrated to "it's ugly, but it can be understood, works and is stable", and further to "let's extract things that shouldn't be here in the first place to separate Symfony-based projects" - It was a set of ugly compromises enforced by legacy and vendors. But hey, it worked and was stable after just a few months of work which was a great improvement from the business standpoint.

- Migrated the company from FTP deployment and SVN to Git, and on-premises GitLab for the deployment process
- After banning FTP access to production I built and maintained GIT<->SVN bridge for the transition period
- Understood, fixed our implementation and documented a badly misused caching system of our legacy CMS
- Increased template and code reuse by orders of magnitude
- Replaced an assorted collection of PHP 5.2.17 (version enforced by vendor) scripts augmenting our legacy CMS, by self-built Symfony-inspired light framework enabling us to introduce automated testing and creation of Vagrant-based local environments for developers
- Introduced automated testing
- Introduced proper logging solution
- Fixed a multitude of errors falsifying our analytics data
- Replaced template-embedded frontend scripts with a proper build process and React-based components
- Improved uptime/availability of our main property from around 97.6% to 99.4%
- Improved loading times for our customers and their consistency by order of magnitude
- Lead a focused effort to improve the SEO of our properties
- Added to search engines indexes millions of missing pieces of content—lost after previous CMS migration
- Reworked our advertising system to allow new ad formats and better experience for our customers
- The whole process improved our traffic and Unique Users numbers by around one third
- Evaluated multiple potential replacements like a Washington Post CMS solution, in-house or outsourced Drupal, etc.

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legacy CMS   legacy PHP   in-house Symfony-like framework   PHP   Symfony   JQuery   React   Vagrant   GitLab   Shell

I've put my notice, as there was not much more for me to do until migration to a new solution—which hasn't had a clear roadmap yet. Not to mention, I felt burned out after 2.5 years of fighting with legacy code and inertia.

Point of contact for references available on request: our Director of IT



## **Uwazaj.pl** startup, a middleman between lawyers and customers, PL

### **Full stack developer** remote, from 05-2015 to 05-2017

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WordPress with my own OO abstraction layer over relevant APIs, which speed up the development of this and multiple other projects I was involved with.

- Taken over after the software house failed to deliver both in terms of features and quality and built our product from scratch just in time to meet our investor's roadmap
  - Build a visual Landing Page builder for our marketing with A/B testing capabilities, later adapted to manage the whole website by our non-technical staff without my involvement
  - Integrated content-marketing/sales part with our custom CRM and call-center
  - Set up our payment system
  - Supported the project during its lifetime as a sole developer/ops
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PHP JavaScript JQuery WordPress Gulp Foundation SASS

The company dissolved, after failing to generate revenue big enough to justify the fixed costs of our operations.  
Point of contact for references available on request: our CEO



## **Idium AS/Idium Kraków Sp. z o.o** low-cost, low-effort, website-as-service company NO/PL

### **Junior PHP Developer** onsite, from 05-2014 to 01-2015

### **Senior WordPress Consultant** onsite, from 01-2014 to 04-2014

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- As a team, we built and maintained a framework allowing for ultra-fast delivery of customized, feature-complete WordPress websites for Scandinavian businesses
  - Built an internal application automating the generation of SEO reports used by our sales
  - Taken part in cleanup and hardening effort after two separate security incidents
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PHP WordPress JavaScript Shell

I put my notice after our Norwegian manager was replaced by Polish one, which - for reasons unknown to me to this day - hated my guts—a sentiment not shared by our colleagues, as far as I know.



## Assorted freelance contracts

### Web developer remote, from 01-2011 to 06-2015

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Building, adding features, and maintaining various websites, WordPress plugins, and themes.

Occasional migration from Joomla or custom solutions to WordPress.

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PHP   WordPress   WooCommerce   JavaScript   SASS/LESS   Gulp/Grunt



## Internet media

### Journalist, editor, and blogger remote, from 10-2007 to 06-2012

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Writing for multiple internet media entities, including o2 sp. z o.o. (currently: Grupa Wirtualna Polska), [Antyweb](#) and Polish edition PC World Computer about IT-related and unrelated topics.

Working as an editor/managing editor in two big blog networks.



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