Kamil Dziedzic

Go Developer and **IT Manager**, former PHP and Angular Developer aspiring to become proper *Software Engineer*.

I'm looking for opportunities to widen my knowledge, experience and expertise in software development alongside with a steady source of income to pursue my dream of building apps for the future.

Feel free to contact me via email hire@dziedzic.fr or LinkedIn

What can I offer?

- Open mind.
- Dedication to learn.
- 14+ years experience in Web App Development, Product Building and Team Leading.
- 12+ years with Agile, Kanban and Scrum (Professional Scrum Master I, 2012).
- 7+ years experience with Google Go: gRPC, REST, CLI tools, mobile, docker.
- 10+ years with databases: MySQL, PostgreSQL, Amazon DynamoDB, Memcached and MongoDB.
- 6+ years with testing, TDD, CI and CD.
- 1+ year with Elixir.
- 2+ years with AngularJS and Node.js.
- 6+ years with developing PHP apps (obsolete).
- Professional English with Polish accent, elementary Spanish, forgotten German, and non-existing French.
- A hobbyist photographer, biker, inline skater and swimmer.

Skills and buzzwords

Feel free to use below list to quickly check if I might have desired skills

AWS Agile Methodologies Agile Project Management Agile Amazon DynamoDB Amazon Web Services AngularJS Ansible Azure Azure DevOps Azure Event Hubs Azure Pipelines Backbone.js Bash CI/CD Certified Scrum Master Coaching CoffeeScript Continuous Delivery Continuous Integration DSLR Docker Echo Labstack ElasticSearch FCE Fedora Gin Git Github Github Actions Goland Golang Grafana gRPC HAProxy IT Management IntelliJ IDEA PhpStorm JavaScript Jenkins Jira JSON jQuery kubernetes Linux Mint Linux MacOS Makefile Memcached Microsoft Teams MongoDB MySQL Nagios Node.js OpenSUSE PHPUnit PHP Photography Project Management REST RabbitMQ Revel Rollerblading RPM Scrum Software Development SPEC Splunk Symfony TDD Team Management Test Driven Development Testify TypeScript Ubuntu Unit Testing Travis Web Development webpack WebSockets XML

Demo

Most of my work belongs to my employers.
There are however three exceptions:

1. Kata 形 is my recent toy project to show of my skills in algorithms and idiomatic Go.
2. osin-dynamodb is a Go library which implements the storage for OSIN with Amazon DynamoDB using aws-sdk-go. Developed at Uniplaces.
3. ninja-mutex `downloads 1.6M` is a simple to use mutex implementation for php. It supports different adapters (flock, memcache, mysql, redis, …) so you can set it up as you wish. All adapters (if set up properly) can be used in multiserver environment - in other words lock is shared between web servers. I've created it as a demo of my skills, a demo I could show on job interviews.

All those projects show some of my skills, coding standards and love for testing.

What can you offer me?

- steady income (to pay rent, read books and support my family and my hobbies)
- opportunity to learn new programming language
- opportunity to work and exchange knowledge with a team of specialists
- opportunity to share knowledge via blogs and talks
- experience in international product building and team leading
- experience with technologies you use
- opportunity to learn new language (e.g. French, Spanish, German, Mandarin or/and proper English)
- office space
- opportunities to travel

Interested? Sent me a message!

Do you think my skills could be useful for your company or clients? Can you offer me anything from the list above?

Great! Please contact me via email hire@dziedzic.fr

You might also try to check some of my online profiles:

- LinkedIn
- Github
- Stackoverflow
- Instagram (private, sorry)

If you are interested more in my previous adventures please feel free to scroll down for my full work history with referrals.

Work History

Developer at Derivco Sports

May 2020 - September 2021 (1 year 5 months), Barcelona, Spain

Certified with Microsoft Azure Fundamentals. Lead Developer of Double-entry Bookkeeping API in Go. Integrations with customers REST APIs. Replaced outdated and inefficient Elixir services with highly efficient and easy to change implementations in Go.

- Go with Echo router for REST APIs.
- PostgreSQL for storage and message queue.
- Microsoft Azure Event Hubs for real-time event processing with sharding.
- Microsoft Azure Pipelines, Ansible, RPM and Docker for CI and CD.
- Nagios, Grafana and Splunk for monitoring and logs.
- HAProxy for high availability load balancer.

> *My experience with Kamil was that of being with a Golang expert. He knew all the greedy details from the language and always had some optimization/refactor suggestions to make. This however, never distracted him from the goal of finishing his tasks on time. Basically speaking, he knew what to do and when - which I think is a great quality many developers I have met missed. He was also very team oriented, and generally speaking an easy person to be with - a developer capable of being in any team thanks to his social skills. I highly recommend him! — Pedro Miguel Pereira Serrano Martins, Senior Elixir Programmer*

Software Engineer at Percona

January 2017 - November 2018 (1 year 11 months), Remote

Developer of Percona Monitoring and Management - an open source database monitoring, observability and management tool. Works with MySQL, MongoDB, PostgreSQL, MariaDB, Amazon Aurora, Amazon RDS, ProxySQL and Percona XtraDB Cluster.

Contributed to several open source repositories: prometheus/mysqld_exporter, percona/mysqld_exporter, postgres_exporter, mongodb_exporter, rds_exporter, pmm-client, pmm-server, qan-agent, kardianos-service, percona-toolkit, qan-api, qan-app, pmm-managed.

Senior Software Developer at Uniplaces

January 2016 – June 2016 (6 months), Lisbon, Portugal

Developer of REST microservice for booking app.

- Gin Web Framework for simplified routing.
- Dependency Injection for simplified Unit Testing.
- Amazon DynamoDB for storage accessed with AWS SDK for Go.
- Tests written with testify and run by CircleCI
- Code coverage with Coveralls.

Developer of OAuth server for a password less authorization.

- Complies with RFC-6749 with support for "Resource Owner Password Credentials Grant".
- Utilizes OSIN OAuth2 library with osin-dynamodb for storing credentials in Amazon DynamoDB.

Developer of Go Mobile library for Android and iOS SDK.

- Common authorization and application layer for Android and iOS mobile apps.

Go Developer at Percona

January 2014 – July 2015 (1 year 7 months), Remote

Developer of Percona Cloud Tools (a precursor of Percona Monitoring and Management).

- Revel web framework for simplified routing, parameter parsing and for crash-free request processing.
- Event based architecture with RabbitMQ for resource-consuming processing, scalability, non-blocking requests, high-load protection and to utilize sharding.
- WebSockets for real-time server-data analysis.
- Microservice architecture.
- Memcached as caching and backend for service discovery.
- Ubuntu Upstart for spawning and managing workers.
- Tests written with gocheck and run by Jenkins.

Developer of percona-agent, real-time client-side agent written in golang for Percona Cloud Tools.

- Collects MySQL metrics from:
    - SHOW GLOBAL STATUS statement.
    - The INFORMATION_SCHEMA TABLES table.
    - Performance Schema database.
    - The Slow Query Log (--log-output=file)
- Collects system metrics from pt-summary and /proc filesystem.
- EXPLAIN Statement in real-time thanks to Websockets.
- Tests written with gocheck and run by Jenkins.

Kamil is a Senior Backend Engineer, he did a major work in percona-agent and Percona backend layer.
Kamil showed a deep understand of how to design systems and make an implementation. — *Vadim Tkachenko, CTO / Co-founder*

Kamil showed expert level of Go lang knowledge, high quality of work and critical architecture mind.
Beside of that Kamil is 1) showing good skills on debugging problems 2) analytic mind with clear explanation of problem and ability to ask right questions and suggest right solutions on the base of answers 3) very attentive to users of the system and support engineers with helping them to solve problems.
Also Kamil is showing good discipline, very attentive to teammates and giving a hand for everyone who needs his expert view.
And in addition what is most important for manager's view to the team - nice and interesting person. — *Nika Krupitskaya, Project Manager*

Kamil is a very talented developer and a good friend.
He has a deep knowledge of Go and other programming languages as well
and that turns him in a good fit for almost any project you can imagine. Careful about details, always trying to reach 110% of test coverage and always willing to help, I've really enjoyed working with him. Kamil is not only talented programming computers, but he is also a very open-minded person; I've enjoyed his code reviews, and the discussions we had about technology and the best way of solving problems.
He is always trying to improve things and pushes others to do the same. — *Carlos Salguero, Developer*
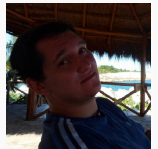
Kamil is a great person, and he makes the everyday work easier.
He has great capacity for analysis, and he is always willing to help and learn new things.
His knowledge on backend dev is outstanding.
A definite asset on any company. — *Martin Cespedes, Senior QA / Scrum Master*

Kamil is a great developer and an excellent team-mate,
I felt very comfortable working with him as a great backend / frontend team.
He is an excellent professional with great knowledge. — *Pablo Penén, Senior Frontend Developer*

Kamil is a very detail-oriented developer with strong technical and analytic skills.
He was the cornerstone of our backend team, he built most of our code base with great speed and quality. He always kept the team focused on what's important leading the technical discussions in the right direction.
He's great to be around, a team player and more importantly an awesome person. — *Miguel Paolino, Senior Software Developer*

Kamil is an extremely talented developer, and I was very lucky to work with him.
He's a true hacker and brilliant class A programmer, his style is a pleasure to read.
He is friendly, outgoing and always has a moment to help address customer concerns. — *Fabian Vallejos, Senior Frontend Developer*

Just a great developer
and a great team member to work with. — *Francisco Guijarro, Javascript Developer*

PHP and UI Developer at Percona

September 2013 – December 2013 (4 months), Remote

Backend and frontend application for Percona Cloud Tools

Frontend:

- Single-page application written in AngularJS.
- Asynchronous requests and notifications through WebSockets.
- Metrics data graphed with Highcharts.
- Tests written in Jasmine and run by Karma.

Backend:

- REST api build with Symfony.
- Storage in Oracle MySQL and Percona TokuDB.
- Database access with Doctrine ORM.

- Long-time processing handled with Message queues and Background processes.
- Message queues implemented in RabbitMQ.
- Background processes written in Symfony and managed by Supervisor.
- Tests written using PHPUnit testing framework.

IT Manager at FarmaProm Polska

October 2011 – November 2013 (2 years 2 months), Kraków, Poland

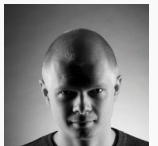Development of pharmaceutical platform www.FarmaProm.pl and delivery new solutions to pharmaceutical companies.

- Professional Scrum Master certified on 29th May 2012.
- Introduced Agile Software Development into the company, with Scrum and Kanban frameworks.
- Increased employee satisfaction with training opportunities, wider flexibility, more transparency, improved communication, reducing bureaucracy and micromanagement.
- Greatly reduced risks and software delivery time by familiarizing IT specialist - developers, system administrators, testers - with continuous delivery and implementing the approach.
- Managing tasks and workflows in Redmine.
- Evaluating engineering cost for customers.
- Technical support for sales department in contact with clients (pharmaceuticals companies and wholesales).
- Emergency contact for any software problem e.g. app crashes.
- Interviewing and recruiting IT specialists.

> *I would like to say that Kamil is a Programming Jesus.*
> *But it might be offensive. Offensive to Kamil.*
> *Because he's not going to wait three days to resurrect your dead code.*
> *If you have Kamil in your team it will be done unto you even before you ask.* — *Michał Górski, Big Data Developer*

Team Lead and Senior PHP Developer at Araneo

December 2007 – October 2011 (3 years 11 months), Kraków, Poland

Team Lead and Senior PHP Developer for pharmaceutical platform www.FarmaProm.pl:

- Sales Force Automation
- Medical & Pharmaceutical CRM
- Manufacturer CRM
- Wholesaler CRM

Team Lead:

- Leading PHP team.
- Coordinating work between IT teams: PHP, Front-end, iOS, Android, Windows Mobile, System administrators, Quality assurance.
- Accepting, pricing and coordinating commissions from clients.
- Releasing and deploying new software versions.
- Designing key modifications (from changes in application engine to modifications operating on customers critical data e.g. wholesales financial data).
- Designing, managing and optimizing large databases (hundreds tables, tens of gigabytes of data, hundreds millions records).
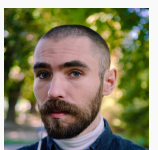
PHP Developer:

- Developed REST and SOAP web services for Windows Mobile, iOS and Android.
- Established electronic data interchange with over 100 pharmaceutical companies and wholesalers. Data formats: XML+XSLT, CSV, XLS, TXT and JSON. Transmission protocols: FTP, FTPS, SFTP and HTTPS.
- Integration with Oracle Business Intelligence. Conversion from relational model to star schema.
- Debugging, testing, optimizing PHP, SQL and Javascript code.
- Propel ORM.
- Designed development workflow within SVN (later migrated to git and Gitflow / GitHub flow).
- Ensuring data consistency of business critical application components (e.g. protection against race conditions or data duplication).

> *Kamil is well skilled and very sane developer.*
> *At the time he successfully kept restrained our biggest,*
> *really huge project and made sure that his team does the job well.* — *Krzysztof Kowalik, Hacker, Software Developer*

PHP Developer at Krakowskie e-Centrum Informatyczne

July 2007 – August 2007 (2 months), Kraków, Poland

Summer job and my first professional experience.

- Head Developer and designer of Issue tracking system.
- Developer and designer of Business Directory.
- Developer of Website Builder.
- Maintenance of company's CRM and other proprietary software.

Certificates

Hobbies

- DSLR photography - whenever I have time.
- Travelling - google reports more than 20 countries, so I guess it's a start.
- Swimming - learned in Barcelona and Costa Brava, now in the wetsuit continuing on the French Riviera.
- Food - it's impossible to say "no" to all delicious regional delights.
- Books - to name few influential: Astrophysics for People in a Hurry, A Brief History of Time, Getting Things Done, The Ghost In The Shell, The Pragmatic Programmer, Sapiens: A Brief History of Humankind.
- Technology and programming - everything with microprocessor is as exciting as a birthday cake.

Something not right?

This resume is open source - feel free to fork it, make improvements and create a pull request at https://github.com/arvenil/arvenil