Kamil Essekkat

# Personal

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Source: [<http://essekkat.pl/#cv-en>](http://essekkat.pl/#cv-en)

# Work experience

**since 05.2014: Cyfrowy Polsat** – Software Developer

1. Green-field development of payments gateway for a new VOD portal
   * Initial domain modelling and requirements gathering
   * Planning integrations with other systems
   * Architecture design and technology decisions
   * Major components in stack: Camunda BPM, Spring, Axon Framework, Hibernate
   * Introducing BPM software in a team
   * Tech leading of a few developers
   * Dockerization
2. Working on a sizeable Django-based backend
   * Leading the use of Event Sourcing and Domain Driven Design
   * Documenting processes in BPMN
   * Creating automated tests with SoapUI for JSON-RPC and SOAP interfaces
   * Performance tuning of new features - on application and DB levels
   * Maintaining quality of the code (unittests, pep8 compliance)
   * Streamlining Jenkins CI jobs
   * Taking care of current issues on a live system

**10.2010 - 04.2014: Accenture** – member of Technical Architecture Team

* Maintenance and development of project's internal tools (Python, bash)
* Extending code deployment tool (Python) integrated with Trac and SVN
* Maintenance over applications built upon JBoss and OracleDB stack
* Automating tests (GUI and WebService), also within Grinder framework
* Setting up test environments and providing support
* Gathering performance requirements from business users and processing them into measurable terms
* Estimating time and work needed for tests; planning test execution
* Manual testing as a prerequisite of automatic tests
* Setting up monitoring (snmpd, Zenoss)
* Performance tuning of OracleDB (both on query and instance levels) and of JVM
* Working closely with Development team on identifying and fixing performance bottlenecks
* Reporting tests' results, including writing final reports
* Creating build pipelines around Subversion and Jenkins
* Integrating OpenLDAP onto existing project's infrastructure with continued service availability
* Working closely with Development and Test teams on adjusting the development/release process

# Freelance work

**2014: Catland.pl, Pandaland.pl**

* Django backend
* Implementing client's vision of the frontend using HTML, Sass and CoffeeScript
* Automation of deployment on Amazon EC2
* Performance tuning on both backend and frontend site

**2014: ZjedzmyRazem.pl**

* Writing backend using Django
* Integration with third-party layout

**2010: wcinamy.pl**

Wcinamy.pl was meant to help find restaurants in a distance-aware way. Note: site as written by me is now defunct

* Creating Django site from scratch including static parts (HTML/CSS/JS)
* Integrating Google Maps JavaScript API
* Setting up Subversion with Trac
* Collecting and implementing change requests from other team members
* Formalizing requirements and development process

# Education

2009 – 2012

Unfinished Bachelor studies at Warsaw School of Economics, Quantitative Methods in Economics and Information Systems.

2006 – 2009

VI High school in Sosnowiec, core subjects: maths, geography

# Foreign languages

|  |  |
| --- | --- |
| **English** | fluent |
| **German** | basic |
| **Norwegian** | basic |

# Skills

Programming languages

Java, Python, sh, SQL, PL/SQL, Lua

Operating systems

GNU/Linux, Windows, AIX

Code management/Development

Git, SVN, [Jenkins CI](http://jenkins-ci.org/), [Sonatype Nexus](http://www.sonatype.org/nexus/), [SonarQube](http://www.sonarqube.org/), Maven, Ant

Databases

PostgreSQL,Oracle, Redis, ElasticSearch

Load testing

SoapUI, [Grinder](http://grinder.sourceforge.net/), Oracle AWR

Other

OpenLdap, WebMethods Integration Server, Wildfly/JBoss, Tomcat, Red Hat Cluster Suite, [Zenoss](http://www.zenoss.com/), Docker

Basic knowledge of *SAP* and *Oracle BRM* from operations perspective.

# Academic activity

**2009 - 2010** Activity in Student Association for Computer Science at WSE ([SKNI](http://www.skni.org/))

* Co-organisation of the OpenMind conference
* Teaching fellow students Python and MS Access as part of [[Warsztaty@SKNI](mailto:Warsztaty@SKNI)](http://was.skni.org/).
* Co-creation of [SKNI](http://www.skni.org/) website (Joomla)