

Name: **Tomek Samcik**

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## Profile Summary:

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Skilled programmer with passion and a strong background in IT, with over 13 years work experience and expertise in design, implementation, deployment and maintenance of applications of all sorts. Possesses strong analytic skills and considerable experience in the field of software development, software design, optimisation and security, Obtained proper education in Computer Science and wide knowledge of computer systems in general. A self-starter, able to work independently or as a part of the team, good team player, experienced in team leadership as well.

Looks for opportunities to develop new skills with the most cutting-edge technologies. Would like to further develop in the field of microservices, distributed systems, cloud computing, reactive programming, agent systems, event-sourcing, stream processing and the like. Will take any chance to acquire hands-on experience with software design and architecture.

## Core Skills:

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Skill:	Experience:
• Object oriented programming (Java)	> 10 yrs
• Software design (UML, ERD, Design Patterns)	6 - 7 yrs
• Software Engineering (Problems Solving, Analysis, Process Improvement, Design, Development)	5 - 6 yrs
• Distributed Applications	4 - 5 yrs

## Education:

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[Poznań University of Technology](#), Faculty of Computer Science and Management

Diploma Thesis: Implementation of didactic version of SSH client-server Three-year studies at the Faculty of Computing Science and Management in Institute of Computing Science completed with B.Sc in Computer Science Degree.

[Karol Marcinkowski Secondary School no. I](#)

One of the best secondary schools in Poznan. For many years held the title of the best in region according to Gazeta Wyborcza's (local paper) ranking. Completed with secondary school certificate.

## Employment History:

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06-2022 –  
present

[Aixigo](#), Aachen, Germany (telecommute) via Mandaag

Senior Java Software Engineer, Contractor

- Working in a fintech start up on development of micro-services based Digital Wealth Management platform. Extending functionality of Level 3 RMM RESTful API, taking part in mob programming sessions and very thorough code reviews, making sure that the highest code quality standards are maintained – Clean Code principles, best use of APIs, adhering to internal coding style and guidelines, compliance with HTTP protocol specifications, documentation, correctness.
- Technologies: **Java 8, Java 11, Maven, Gitlab, Prevant, Hibernate, JNDI, Liquibase, Oracle, PostgreSQL, MariaDB, H2, Docker, Jersey, Swagger/OpenAPI, Lombok, Immutables**

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01-2021 –  
05-2022

[European Commission](#), Brussels, Belgium (hybrid) via Serco

Application Architect, Contractor

- Providing services to the Digital Solutions & Process Efficiency unit of the Secretariat-General (SG.C.5). Working on legislative documents management and reporting platform
  - Working closely with manager and business owner on translating functional requirements to technical specifications. Working on improvements of development process and development environment to boost work performance and remove technical debt at the same time not affecting delivery deadlines.
  - On-hands work on delivering new features – extending reporting platform with handling documents versioning. Working together with ui/ux designer on migration to Angular. Delivering large portion of new functionalities to production, on time, with close to no issues having to overcome numerous problems with budget shortages.
  - Technologies: **Java 8, Spring Boot, Maven, Oracle, Jasspr, Aurelia, REST**
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01-2019 –  
12-2020

[White Hat Gaming](#), Valletta, Malta (telecommute)

Senior Software Engineer / Scala Developer, Contractor

- Involved in development and maintenance of an online casino games integration platform. Taking any opportunity to introduce development process and infrastructure improvements. Taking a leading role in a migration of a large code base from Oracle to Postgres RDBMS. Gaining hands-on experience working with Scala.
- Part of the project Eagle whose goal was to port an existing version of a single instance of an online casino games integration platform to a distributed multi-state set up to fulfill regulatory requirements of the US market and to provide a backend to online sports betting functionality of a Barstool Sports App. Engaged in infrastructure work around dockerization and deployment pipeline improvement, brainstorming, solving complex issues around consistency and distribution, analyzing and documenting failure modes and recovery methods for distributed eventually consistent flows, involved in load tests troubleshooting performance issues and preparations to go-live that led to a successful launch of the app in PA on Nov 2021. Other states are planned to follow soon.
- Technologies: **PostgreSQL, Java 8, GIT, Docker, Jenkins, Tomcat, AWS ECR, Gradle, Oracle, Slick, Flyway, SBT, IntelliJ, ScalaMock, ScalaTest, Dispatch, Scala, Kafka, Play, Alpakka, Datadog APM, Java Mission Control.**

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12-2017 –  
12-2018

[Oath](#), Dublin, Ireland (telecommute) via Sonalake

Senior Software Engineer Java, Contractor

- Working with some top-class engineers on an AOL project (One by AOL). Involved in building a large platform enabling ads real estate providers to get access to a steady targeted ads supply through a Real-Time Exchange enabling advertisers and agencies to place a real-time bids to deliver their content to a targeted audience in a fully automated fashion. A very complex high-volume realtime distributed system spread across hundreds of machines in production environment.
- As a part of the Infrastructure Team, involved in a process of rapid infrastructure improvements enabling a full transition into an agile, microservices-based project; migration into Cloud and applying fully automated CI/CD process.
- Technologies: **Java 8, JEE 5, Spring 4, Jboss 6, Vagrant, Docker, Git, Bitbucket, Jenkins, Ansible, AWS, S3, CKMS, Sonar, Mockito, PowerMock, Maven, Spark, Wiremock, Eclipse IDE** and many other unmentioned.

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02-2017 –  
11-2017

[Aurea Software](#), Poznań, Poland (telecommute) via Crossover

Java Software Architect, Contractor

- Working on a very demanding yet fun and innovating project: a home office work monitoring application employing advanced techniques such as scanning screen captures for the purpose of disruption patterns recognition and analysis. Involves processing large volumes of data on a daily basis, including computationally expensive operations as image processing and text recognition and classification.  
  
Building a part of prototype of the application from Python to Java from scratch with the use of modern stack in a containerised and distributed environment. Building for scale on a very tight deadline and in compliance with very high code quality standards.
  - Technologies: **Java 8, AngularJS, Spring Boot, Maven, Amazon SQS, S3, ECS, OpenCV, Tesseract, Docker/Swarm, Eclipse IDE.**
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02-2015 – **Hoffman-La Roche**, Poznań, Poland (telecommute) via IT Kontrakt  
01-2017 Senior Java Developer, Contractor

- Working on Risk Assessment and Categorization tool providing Risk Assessment and Review process support - a greenfield project featuring top technologies such as AngularJS on the client side communicating via web-sockets with the back-end utilising micro-services architecture enabled by event-driven Vert.x platform clustered with Hazelcast. The project is undergoing development and is in pre-release phase.
- Technologies: **Java 7, Groovy, ReactiveX, Vert.x, Hazelcast, MongoDB, AngularJS, Gradle, Git, Bamboo, Eclipse IDE.**

Senior Java Developer, Contractor

- Working in an international team, involved in a Common Identity Management project meant to provide a core unified identity management infrastructure for the company after merging two other IAM platforms, based on SailPoint IdentityIQ software, requiring thorough customisation of the out-of-the-box functionalities. Project at its early stage, Beta version to be released by the end of 2015.
- Technologies: **Java 6, Tomcat 7, Maven 2, JSF 2, SailPoint 6.3, Spring, Git, Bamboo, Eclipse IDE.**

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02-2014 – **Evizone Ltd.** – Kraków, Poland (telecommute)  
12-2014 Software Engineer, Contractor

- Working on distributed authorisation and certificate management solution providing company-wide federated identity management as well as more secure and fine-grained approach to issuing user certificates with different levels of permissions in distributed PKI environment. Proof of concept.
- Technologies: **Java, JBoss 7.1.1, JAX-WS, SAML 2.0, PicketLink, JAAS, WS-Trust, SMSAPI, jscep, Bouncy Castle, EJBCA, OpenXPKI, Eclipse IDE.**

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11-2012 – **Picisel** – Glasgow, United Kingdom (telecommute)  
11-2013 J2EE Engineer / Developer, Contractor

- Involved in the early stage of development of the new OfficeAnywhereProxy application providing cloud file hosting integration functionality to the company's flagship product - SmartOffice via scalable, extensible gateway combined of distributed modules performing concurrent processing; working on establishing effective development process, extending functionality, preparing to beta release.
  - Technologies: **Java, Groovy, Tomcat, Spring, Grails, MySQL, Elasticsearch, RabbitMQ, Jenkins, Git, Gerrit, Dropbox API, Google Docs API, RESTful Web Services, Eclipse IDE.**
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01-2011 – 10-2012	<b>Atos</b> – Gdańsk, Poland (onsite) Java Developer, Contractor
	<ul style="list-style-type: none"> <li>Working on extending functionality of existing web application supporting hardware service for one of the largest telecom company in Poland. Implementing new features according to functional requirements specification within the team of 20 developers. Working on both client (JavaScript, jQuery, XML, XSLT) and server side (WebLogic, Spring, EJB2, EJB3, Struts, JDBC, Oracle).</li> <li>Technologies: <b>Java, WebLogic, EJB2, EJB3, Spring, Struts, Oracle, JDBC, JavaScript, jQuery, XML, XSLT, JIBX, Maven, Hudson, SVN, Eclipse IDE.</b></li> </ul>
03-2010 – 10-2010	<b>B3Connect</b> – Los Angeles, United States (telecommute) Java Consultant, Contractor
	<ul style="list-style-type: none"> <li>Development of Digital Mobility Framework and Content Publishing System based on it designed to deliver up-to-date content and various services to mobile devices, consisting of in-stadium client app for the <a href="#">Anaheim Ducks</a> for different platforms (<a href="#">Blackberry</a>, <a href="#">Android</a>, <a href="#">iPhone</a>) and the back-end providing administration web-app and web services based on JBoss Seam. Working closely with the architect and PM on enhancing design, improving development process and implementation of the server-side part.</li> <li>Technologies: <b>Maven, Eclipse IDE, JPA (Hibernate), Hudson, Java, JBoss AS, JBoss Seam, JSF/RichFaces, JavaScript, JUnit, TestNG, MQTT, MySQL, Web Services - JAX-RS (RESTEasy), SVN, Amazon S3 API.</b></li> </ul>
06-2009 – 12-2009	<b>Hoffman-La Roche</b> , Poznań, Poland (onsite) IT Consultant, Contractor
	<ul style="list-style-type: none"> <li>Extending and maintenance of corporate portal framework and e-Commerce platform based on ATG technology. Support and customisation of existing solutions, design and implementation of new features, improving development process and making efforts towards applying up-to-date practices and standards to application framework.</li> <li>Technologies: <b>HTML, JavaScript, Maven, Java, JBoss, ATG Portal Framework, ATG Application Server, JSP, SVN, Eclipse IDE.</b></li> </ul>
05-2008 – 05-2009	<b>Amadeus S.A.S</b> , Sophia Antipolis, France (onsite) Software Development Engineer, Contractor
	<ul style="list-style-type: none"> <li>Working onsite in one of the company's offices located in the beautiful area of Sophia Antipolis - technology park on the French Riviera. Working as a part of the Portal Development Framework group on module-based, event-driven UI framework based on Spring Web-Flow and AJAX for the internal use.</li> <li>Technologies: <b>HTML, AJAX, Java, Maven, ClearCase, JavaScript, JBoss, JSP, JUnit, Eclipse IDE, Eclipse RCP, Spring Web Flow.</b></li> </ul>

02-2005 –  
07-2007

**Accelerate Media** - Orlando, United States (telecommute)

Java Developer, Contractor

- Creating, from the scratch, distributed Java based multi-agent system (Botnet) composed of few cooperating multithreaded applications spread out across 15 Linux servers for the purpose of Search Engine Marketing and Contextual Marketing - Java backend operated via RMI from PHP-based frontend and suite of Java desktop apps.

Java Lead Developer, Contractor

- Design and implementation of applications and data structures; writing requirements specification and delegating tasks to programmers hired offshore in Poland in cooperation with Project Manager working onsite.
- Technologies: **Java, multithreading, cron, Linux shell scripts, CruiseControl, Eclipse IDE, RMI, JDBC, MySQL, SVN.**

## Known Technologies:

Web Technologies	HTML, JavaScript, DOM, CSS, PHP, LAMP, LAPP, Applets, AJAX, Oracle XSQL Pages, Struts 2, Grails, AngularJS
J2EE Technologies	J2SE, JSP, Servlets, Web Services, JBoss Seam 2, Weld 1.0, JSF/Facelets/RichFaces, Bean Validator, RMI, JPA 1.0 (Hibernate3), JAAS, Spring DI, Spring Roo, JAX-RS (RESTEasy), JAX-WS (Apache CXF), JAX-RPC Client API (Apache Axis), JAXB 2.0, JAXP SAX, JAXP DOM (dom4j).
Programming Languages	PHP, Java, Groovy, Scala
RDBSM	MySQL, PostgreSQL, Oracle, SQL Server
NoSQL	MongoDB, Redis, Hazelcast
CI/CD	SVN, Git, Ant, Maven, Gradle, SBT, Hudson, Jenkins, Bamboo

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Cloud/VT	Vagrant, Docker, Docker Swarm, Amazon S3 (jets3t), Amazon EC2, Amazon SQS, Amazon ECR, Amazon ECS
IDE	Eclipse, Eclipse PDE, IntelliJ
Other	Linux, shell scripting, Apache, Tomcat, AWT/Swing, Jakarta HttpClient, Apache Lucene, XML, XSLT, XSD, Ant, CruiseControl, JUnit4, JUnit 5, JCE, Nutch, JAAS, Vert.x, Spring Boot, Spring Data, Spring AOP, multithreading, ReactiveX, Slick, Flyway, SBT, Wiremock, PowerMock, Mockito, Hamcrest, RabbitMQ.

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## **Certificates:**

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## IBM

- [Scala Programming for Data Science - Level 1](#)
- [Reactive Architecture: Reactive Microservices](#)
- [Reactive Architecture: Domain Driven Design](#)
- [Principles of Reactive Architecture](#)
- [Reactive Architecture: Distributed Messaging Patterns](#)
- [Reactive Architecture: Building Scalable Systems](#)
- [IBM Blockchain Essentials](#)

## Linkedin

- [Scala First Look](#)
- [Scala Essential Training](#)
- [Learning S.O.L.I.D. Programming Principles](#)
- [Learning Cloud Computing: Core Concepts](#)

## Cambridge ESOL Examinations

- First Certificate in English
- Certificate in Advanced English - Pending

## Codility

- [Codility Golden Certificate Chi 2012](#)

### Foreign Languages:

- Good command of English, experience in international work environment, cooperation with foreign clients, remote and on-place support and troubleshooting etc.
- Native Polish

### Qualities:

- Ambitious, cooperative, potent, creative, intelligent, optimistic, inventive, friendly, assertive, scrupulous, with initiative, determined, perfectionist.

### Interests:

- Open space theatre, off cinema, reading, hiking, cycling, traveling, cryptocurrencies, sim-racing