PIOTR WITTCHEN | RESUME

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EXPERIENCE

Senior Software Engineer   2020 – 2025
Digital Fingerprints   *Katowice, Poland*

- Research, development, architecture, deployment and maintenance of the continuous authentication cybersecurity software for the real-time fraud detection with low-latency and high-throughput on the web and mobile devices using behavioral biometrics, stream processing, big data, Machine Learning (ML), Artificial Intelligence (AI) and cloud. I was involved in design and development of backend systems, processing pipelines, and mobile SDKs for Android and iOS. I joined the company during its startup phase, established strong foundations, designed and developed several parts of that system from the scratch, and also maintained, improved and optimized existing ones. Moreover, I took part in the initial design and development of the device fingerprinting solution, which is new company product. Digital Fingerprints software protects individual users in major banks in Poland.
- Tech Stack: Java, Flink, Kafka, Spring, Android, iOS, Swift, Python, Kubernetes, Cassandra, PostgreSQL, and many more

Senior Software Engineer   2020
Koyo   *London, UK / Remote*

- Developed and maintained the backend application for a fast-growing London-based FinTech startup, designing and implementing scalable and secure server-side solutions, integrating third-party APIs, optimizing performance, and ensuring compliance with financial industry standards while collaborating closely with cross-functional teams to deliver high-quality products and influence key architectural decisions.
- Tech Stack: Kotlin, Spring Boot, Gradle, Open Banking, Git, Gitlab, Google Cloud

Software Engineer   2019 – 2020
Enginiety   *Gliwice, Poland*

- Developed and maintained a telecom e-commerce web application, implementing new features, optimizing system performance, and ensuring high availability and scalability, while collaborating with cross-functional teams to deliver a seamless customer experience and support business growth.
- Tech Stack: Java, Spring, SAP Hybris Commerce, Ant, Git, Jenkins, Bash

Software Engineer   2015 – 2019
SAP   *Gliwice, Poland*

- Developed and maintained the SAP Hybris Commerce Platform, working across Backoffice, Product Content Management (PCM), and Product Cockpit (PCH) modules, implementing new features, customizing workflows, optimizing system performance, and ensuring seamless integration with business processes to support large-scale e-commerce operations.
- Tech Stack: Java, Spring, ZK, SAP Hybris Commerce, Ant, Maven, Gradle, Git, Jenkins, Azure

Software Engineer   2012 – 2015
Future Processing   *Gliwice, Poland*

- Developed and maintained over 10 mobile applications for Android, building backend services to support Android and iOS clients, and maintaining legacy backoffice systems for parking management. Additionally, contributed as an IT Security Engineer by conducting black-box penetration testing, analyzing vulnerabilities, and preparing detailed security reports, ensuring the reliability and security of enterprise solutions.
- Tech Stack: Java, Android, Dagger, Guice, RxJava, Robolectric, Spring Boot, Swing, CORBA, Gradle, Git, Jenkins

Software Developer   2006 – 2012
Freelance   *Gliwice, Poland / Remote*

- Developed and maintained over 20 websites and web applications, including CMS platforms and e-commerce solutions, ensuring high performance, usability, and scalability while delivering tailored features to meet diverse business needs.
- Tech Stack: PHP, Kohana, CodeIgniter, MySQL, HTML, CSS, JavaScript, jQuery

Software Developer
Yakamedia

2009 − 2010

Gliwice, Poland

- Designed, developed, and maintained websites and e-commerce web applications, focusing on creating user-friendly interfaces, seamless purchasing processes, and scalable architectures to support growing business needs. Collaborated with cross-functional teams to deliver tailored digital solutions, improved website performance and reliability, and ensured alignment with branding and customer experience goals, contributing directly to increased user engagement and online sales.
- Tech Stack: PHP, Sote Shop, MySQL, HTML, CSS, JavaScript, jQuery

Software Developer
3W Serwisy Informacyjne

2005 − 2006

Gliwice, Poland

- Developed and maintained websites for the United Nations Information Center, creating accessible, reliable, and user-friendly digital platforms to support the dissemination of information, promote international initiatives, and enhance communication with global audiences. Collaborated with stakeholders to ensure compliance with organizational standards and delivered solutions aligned with the UN's mission and values.
- Tech Stack: PHP, HTML, CSS, JavaScript, Flash, CVS

EDUCATION

The Silesian University of Technology
Gliwice, Poland

Master of Science in Automatic Control, Electronics and Computer Science, major: Computer Science   *2014*

The Silesian University of Technology
Gliwice, Poland

Engineer in Automatic Control, Electronics and Computer Science, major: Computer Science   *2012*

LANGUAGES

Polish: Native
English: Professional Working Proficiency

SHARING THE KNOWLEDGE AND OPEN-SOURCE CONTRIBUTIONS

Talks: I gave 20+ tech talks during conferences and meetups in Poland and abroad: https://wittchen.io/talks
Articles: I published 140+ articles on my technical blog: https://wittchen.io/posts
Open-source: I developed many open-source projects with 6000+ stars on GitHub: https://github.com/pwittchen
StackOverflow: I have 3900+ points so far (top 10% overall, top 10% Java, top 5% Android): https://wittchen.io/so

INFORMATION ABOUT THIS DOCUMENT

LaTeX source code: https://github.com/pwittchen/cv-extended
The latest *.pdf file to download: https://wittchen.io/cv

LEGAL CONSENT

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.