

Igor Eugeniusz Sowinski

Lead Software Engineer

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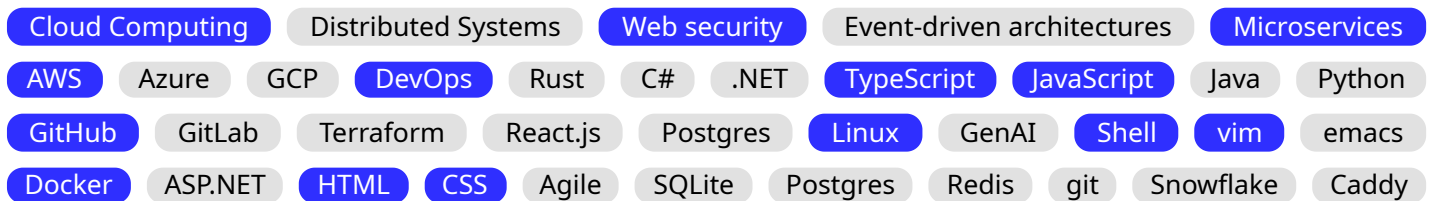
📍 Zürich, Switzerland

🇵🇱 Polish

Introduction

Lead Software Engineer with 8+ years of professional experience designing and implementing modern and secure enterprise cloud systems and services. I have successfully led company-wide initiatives and helped others become great engineers. Both my professional and personal track record verifiably shows unusual and intense effort, and a tendency to succeed in leading, high-responsibility people-facing roles.

Technical skills



Experience

Event interpreter between Polish, Chinese and English **Polish-Chinese Economic Forum** **06.2024 - 06.2024**

- interpreted (CN→PL) a prepared speech of the heads of the Council for the Promotion of International Trade in Shanghai (CCPIT) and the Shanghai Chamber of International Trade (CCOIC)
- interpreted (PL→CN) a presentation by the representatives of the Polish IT industry from Polish into Chinese, and a moderated panel discussion (EN/CN→PL) regarding experiences from investment in Poland
- audience: the President of Poland, trade and investment bureau heads of Shanghai and Poland, embassy workers, businesspeople

Lead Software Engineer, Senior Software Engineer **Cimpress** **05.2016 - 10.2023**

- designed and managed large parts of the order management infrastructure in AWS, serving over >200 companies across push and pull APIs, email, FTP, Zapier, with >10-100K of daily orders and high resilience
- streamlined or enabled acquisition of businesses through creation of critical products: a Gutenberg/MailChimp-like email templating experience, invoicing with dispute resolution, a web interface to manage production, a GraphQL-like interface to most systems based on web linking & much more
- co-drafted internal RFC, e.g. in the fields of API design, semantic web and security, and promoted their adoption
- led a multi-office team, successfully adapting AWS WAF and blue-green to the in-house CI/CD framework
- nurtured long-term relationships with business representatives in multiple European countries
- participated in off-site hiring, interviewed and mentored several senior/lead engineers from various offices
- owned the company open source organizations at GitHub, reviewed and sanitized software in terms of security and disclosure, promoted open source and engineering excellence
- acted as local representative of the company security guild, implementing OWASP and internal security directives, shared security knowledge locally

Software Engineering Intern **Cimpress** **05.2016 - 09.2017**

- wrapped commercial binning software, then researched and produced an in-house implementation of a genetic 2D binning algorithm

Software Engineer, Intern **Mettler-Toledo Changzhou GmbH** **07.2015 - 09.2015**

- single-handedly designed, created, released and documented a C# toolchain to inspect, debug and update the firmware of a new generation of load cells, the principal sensor in commercial scales. The toolchain included a CLI tool, a library and a GUI program, and has entered regular use at the R&D office.

Experience

Metrological Laboratory Intern **Pratt & Whitney Canada** **09.2014 - 09.2014**

- contributed to the design of the process of high-precision measuring of the dimensions of spur gears

Education

Chinese Government Scholarship, Regular Scholar, Faculty of Chinese Literature **北京外国语大学 (Beijing Foreign Studies University)** **09.2023 - 07.2024**

- recommended for scholarship by the review board of swissuniversities

BA in Sinology (Chinese Studies), on break **University of Zürich** **09.2020 - Present**

BSc in Mechatronics **Poznan University of Technology** **10.2012 - 06.2017**

- 15th & 16th National English Language Olympiad for Technical University Students: Laureate, 1st place, Rector's Prize (May 2015); Laureate, 7th place, Rector's Prize (May 2014)

Organizational & other

Assistant Representative, 38th Regular Session, UNHRC **iuventum, NGO** **06.2018 - 07.2018**

Member **Swiss-Chinese Chamber of Commerce** **01.2020 - Present**

Delegate of Poland at the 2016 Annual Conference **International Association for the Exchange of Students for Technical Experience (IAESTE)** **01.2016 - 01.2016**

- in a team of 11 delegates, negotiated the exchange of ~450 internship offers for Poland with representatives of ~90 countries during a week-long event

Head of Graphic Design, IAESTE Poznan **International Association for the Exchange of Students for Technical Experience (IAESTE)** **02.2014 - 06.2017**

- managed the official website of the Poznan local committee and part of the workspace suite
- managed a graphics design team of 3–4 students
- co-organized multiple local (CaseWeek, company workshops at the university) and national events (e.g. National Conference), creating identification, websites, leaflets, posters and so on
- translated between English and Polish at university events

Spoken Languages

Polish Native

English C2, national competition laureate

German C1, Goethe language certificate

Chinese ~HSK6–HSK7, top-level class at Beijing Foreign Studies University

Hobbies

Chinese, traveling, building my homelab, mountaineering, skiing & snowboarding, hiking, baking