Tomek Paczkowski

Seasoned engineer with 15+ years of hands-on technical leadership, complex project execution and engineering mentorship.

✉ tomek@hauru.eu 📞 07521680867 📍 London, UK ↗ hauru.eu

▬ RECENT WORK EXPERIENCE

Optimal Agriculture

Principal Software Engineer   Sep 2022 - Oct 2023

- Set out engineering strategy to bring software into alignment with company priorities, focusing on maintainability of complex legacy system with a limited engineering capacity
- Executed the strategy by simplifying architecture, removing rarely used systems and technologies, addressing tech debt and improving testability of the software
- Oversaw migration of high-performance software from Python to Julia, which enabled scaling up the complexity of our software models
- Introduced many observability improvements and driven stability and reliability improvements reducing number of open software bugs to near-zero and reducing software related incidents by 90%

Pollen

Principal Software Engineer   Feb 2019 - Jun 2022

- Responsible for backend software engineering and architecture of rapidly growing company, from 28 to about a hundred engineers
- Oversaw adapting backend systems around massive product pivot from simple festival ambassador programme to a very complex travel business
- Architected and oversaw re-platforming of all infrastructure from Heroku to AWS
- Introduced Domain-Driven Design methodology to address growing business complexity; performed initial domain discovery and build initial model that lead to a engineering-wide team restructuring
- Managed and mentored mid-level, senior and staff engineers

Squirrel Financial Wellbeing

Senior Software Engineer, then CTO   Mar 2015 - Jan 2019

- Directly responsible for Python-based backend, infrastructure and CI/CD pipelines
- Architected and implemented integration with an unreliable banking services partner
- Implemented observability and error reporting measures and drove number of known bugs to near-zero
- Oversaw business model pivot from B2B2C to direct to consumer
- Implemented GDPR regulation

▬ EDUCATION

Jagiellonian University

Master of Science in Computer Science   2005-2011

University of the West of Scotland

Bachelor of Science with Honours in Web Development   2009-2010

▬ TECH SKILLS

Python, SQL, JS, Elixir, Postgres, Redis, AWS, GCP, Terraform, Docker