Freelance Software Engineer, Computational and Data Scientist:

Markus Unkel, 32, https://markusunkel.tech, 20354 Hamburg, Valentinskamp 91,
Tel. +4917686606827, Email contact@markusunkel.tech
Deep expertise in building reliable, scalable systems primarily using
Rust and Python, Background in physics and data science to tackle
complex domains, design robust architectures and sustainable solutions
tailored to client needs.

Selected Clients and Roles:

Zalando — Software Architect and Engineer
Packiro — Preflight Expert, Software Engineer, Data Scientist
Bace — Platform Solution Architect, Software Engineer
Sparkplant — MarTech and BI Solution Architect
Behind Ventures — E-Commerce Solution Architect, Data Scientist

Professional Experience:

1 — markusunkel.tech (2022 - Present)
Freelance Software Engineer, Computational and Data Scientist
2 — ColorFit (2015 - Present, colorfit.ai)
Founder, Inventor, CEO — Patented technology, Realizing prints without
trial and error backed by machine learning and physics
3 — Packiro (2021 - 2022)
Head of Technology, Software Architect and Engineer — Design and build
full-stack prepress automation service, Built up tech team, IT and data
architecture
4 — WAYS (2019 - 2020)
Head of Technology, Computational and Data Scientist — Innovation
projects in German Mittelstand

Patents:

Printing Method which includes selection of print parameters, Filed 2016,
US10838669B2, Assignee ColorFit and Siegwerk, Granted in USA, IND, ISR,
pending in CN, EU — Process and algorithm for minimizing the number of
the trial and error runs on gravure-/flexo printing machines

Education:

M.Sc. Computational and Data Science (2017 - 2019)
University Jena — Scientific Computing, Big Data, Machine Learning,
Statistical Learning Theory, Databases and Information Systems
B.Sc. Physics (2012 - 2016)
University Bonn — General relativity and cosmology, Algorithmic
thinking and imperative programming

References:

Aleksandr Bochev, Principal Software Engineer at Zalando
— Zalando — linkedin/aleksandr-bochev
Christian Reifferscheid, CEO sparkplant and Serial Entrepreneur — Packiro,
sparkplant, Zalando — linkedin/christian-reifferscheid-15688271
Frank Dauth, Head of Global On-Site Consulting at Siegwerk
— ColorFit Patent — linkedin/frank-dauth-57732a227
Moritz Everding, CEO SOCHILI and Business Delevoper
— WAYS — linkedin/moritzeverding
Sebastian Szeracki, Software Architect and Engineer at Packiro
— Packiro — linkedin/sebastian-szeracki-a36a6a247