

Stephan Singh Ryatt

PRODUCT LEADER | APPLIED AI & PRODUCT ARCHITECTURE

Santa Clarita, CA · U.S. citizen – no sponsorship required

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SUMMARY

Hands-on product leader strongest in ambiguous, system-level problems: forming ambitious product visions, architecting how complex capabilities and workflows fit together, and carrying that coherence through UX and execution. Has held product-wide responsibility for a multi-sided enterprise platform and personally designed and built production AI systems.

EXPERIENCE

Copalana

Co-Founder & Head of Product & AI · July 2019–Present

Swiss CSR platform used by Roche, MSD, L'Oréal, Zurich Cantonal Bank, Migros Bank, Credit Suisse, and other major organizations.

- Held **primary product authority** across the ten-person startup, leading Copalana from a rudimentary fundraising product with one enterprise customer into an integrated, multi-sided CSR platform enabling lean corporate CSR teams to run employee programs at scale; now **33,356 registered accounts, 701 approved nonprofits, and CHF 6.83M in donations processed**.
- Conceived and architected **unified, role-based workspaces** for corporate administrators, employees, and nonprofits, bringing volunteering, skills volunteering, fundraising, and supporting capabilities into coherent experiences organized around how each group actually works.
- Rearchitected the corporate-admin product around its core workflows, integrating management, employee-facing, and contextual analytics views. Personally defined the information architecture, workflows, and wireframes, incorporating ZKB's operational requirements into the broader product model; the resulting product helped win a **high-five-figure deal in which Zurich Cantonal Bank replaced Benevity**.
- Architected **corporate volunteering and skills volunteering end to end**; corporate volunteering has supported **190 completed events, 2,159 unique employee volunteers, and 7 company-wide volunteer weeks**. Expanded fundraising for international enterprise use, enabling Credit Suisse Americas to process **more than \$1M annually**.
- Led Copalana's applied-AI work, including a two-stage Skills Volunteering Wizard that turns loosely defined nonprofit needs into structured opportunities, while guiding design and engineering and partnering with the CEO/CTO on strategy, priorities, pricing, enterprise requirements, and positioning.

Pathfinder Pro

AI Product Architect & Developer — Contract · April 2025–May 2025

AI-powered Swiss study-program recommender combining psychometric assessments, free-text reflections, and a current university-program database.

- Took the founder's concept and dataset to a **live paid product in six weeks**, owning product definition, UX, AI architecture, implementation, evaluation, and launch. The product remains in production and has generated **100+ paid reports**.
- Designed a **hybrid retrieve-rerank architecture** in which structured and qualitative inputs form a multidimensional student profile, embedding retrieval narrows the program corpus, and a multi-stage LLM workflow performs final comparative judgment and generates a personalized report grounded in the student profile and recommended programs.
- Built the end-to-end production system with n8n, Supabase, Airtable, OpenAI, and custom code, automating scoring, AI orchestration, chart generation, report assembly, validation, and delivery while enabling the nontechnical founder to operate and update the product independently. Created a repeatable evaluation workflow for testing prompt, model, and orchestration changes before release.

KV Luzern Berufsakademie

Project Lead, Digital Transformation · April 2015–March 2018

Swiss professional and continuing-education institution.

Led enterprise CRM/CMS integration and re-engineered marketing and sales workflows using BPMN, from process design through organizational adoption.

Credit Suisse

Business Analyst, Infrastructure Virtualization · June 2011–December 2013

Designed business-process models in UML and BPMN for virtual-server provisioning, helping standardize and automate workflows within a major infrastructure-virtualization initiative supporting Credit Suisse's cloud strategy.

SELECTED CAPABILITIES

Product:	Product Strategy · Product Vision · Product Architecture · Systems Thinking · Zero-to-One · Workflow Design · UX
AI:	LLM Orchestration · RAG & Embeddings · Reranking · Tool Use · Evals · Structured Outputs · Human-in-the-Loop Systems · AI Agents
Technical:	Python · SQL & Data Modeling · Git/GitHub · GitHub Actions · CI/CD · OpenAI & Anthropic APIs · n8n · Supabase · Figma · Webflow

EDUCATION & LANGUAGES

Education: BSc Informatics (Information Systems), University of Zurich — Cum laude, 2014

Languages: English, German, Punjabi (native); Spanish, French, Italian (fluent)