Steve Winter

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

CERTIFICATIONS

[GCP Professional Cloud Architect](#)

[AWS Solutions Architect Associate](#)

[Linux Foundation Certified Kubernetes Administrator](#)

[HashiCorp Terraform Associate](#)

[Linux Foundation Certified System Administrator](#)

SKILLS

Frontend:	Angular, Angular Material, JavaScript, TypeScript, NGRX, RxJS, Next.js, Nx, HTML, CSS, SCSS, React, Tailwind
Backend:	Java, Spring Boot, JPA, Node.js, NestJS, PostgreSQL, MongoDB, Python
Cloud/DevOps:	ArgoCD, AWS, Docker, Firebase, GCP, Kubernetes, Prometheus, Supabase, Terraform, Unix, Wiz
Other:	Figma, Cypress, Playwright, REST, SAFe, Scrum

WORK EXPERIENCE

Interdiscount — Jun. 2023 – Present
Senior Full-Stack Software Engineer — *Bern, Switzerland*

- Migrated a legacy CMS to SmartEdit and enhanced it with custom components developed in Angular and Java.
- Maintained and enhanced multiple Java-based microservices built with Spring Boot and PostgreSQL, optimizing functionality, performance, and scalability.
- Designed a scalable monorepo with NX and established a comprehensive coding style guide to streamline the migration of a large-scale application from React and Node.js to Next.js with Server Components.
- Optimized GitHub CI/CD pipelines, reducing action minutes by 80% through workflow enhancements such as caching, and parallel execution of actions, for example, Cypress runners.
- Optimized cloud infrastructure cost efficiency across AWS and GCP, achieving a 50,000 CHF annual cost reduction through strategic workload resource allocation and leveraging committed use discounts.
- Migrated compute resources to Kubernetes, integrating a Cilium service mesh to enhance security, scalability, and resilience. Implemented observability best practices with Prometheus, ensuring real-time monitoring.

One X Tech — May 2022 – Jun. 2023
Full-Stack Software Engineer — *Singapore*

- Led the development of a scalable geospatial analytics platform based on React, deck.gl, Mapbox, Carto, and Nx, delivering high-performance visual analytics and data exploration.
- Contributed to the implementation of an NX-based monorepo architecture, leveraging Module Federation to optimize scalability and maintainability for a large-scale Angular application.

diva-e — Nov. 2020 - May 2022
Software Engineer — *Jena, Germany*

- Developed a B2B e-commerce platform built with SAP Spartacus. Leveraged Angular, RxJs, and NGRX to deliver scalable, performant, and user-centric solutions.

[wintersteve.com](#) — Jan. 2018 - May 2020
Freelance Software Engineer

- Designed a scalable app infrastructure and developed a Python-based REST API for a cloud-based computer vision app. Engineered a batch workload processing system within a subscription-based model ([FaceFusion](#)).
- Built and maintained multiple B2C e-commerce shops, optimizing performance and user experience.

EDUCATION

Friedrich-Schiller-University — Oct. 2016 - Oct. 2020
Bachelor of Science, Economics (focus on computer science)
GPA 3.6