

# Steve Winter

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

## CERTIFICATIONS

[GCP Professional Cloud Architect](#)

[Linux Foundation Certified Kubernetes Administrator](#)

[Linux Foundation Certified System Administrator](#)

[AWS Solutions Architect Associate](#)

[HashiCorp Terraform Associate](#)

## SKILLS

*Frontend:* Angular, JavaScript, TypeScript, NGRX, RxJS, Next.js, Nx, HTML, CSS, React, Redux,  
*Backend:* Java, Spring Boot, Node.js, NestJS, PostgreSQL, MongoDB, Python, Go  
*Cloud/DevOps:* ArgoCD, AWS, Docker, Firebase, GCP, Kubernetes, Prometheus, Supabase, Terraform, Unix, Wiz  
*Other:* Figma; Cypress, deck.gl, Google Maps Platform, Playwright, Mapbox

## WORK EXPERIENCE

### Interdiscount

Jun. 2023 – Present

*Senior 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.
- 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.
- 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.
- 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.

### 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.
- Developed a property analysis platform with interactive visualizations and charts, leveraging D3.js and React for dynamic data representation. Built on AWS, ensuring scalability, reliability, and high performance.

### diva-e

Nov. 2020 - May 2022

*Software Engineer*

*Jena, Germany*

- Developed multiple high-impact applications, including a job search portal for a leading bank, a webinar-integrated app, and a B2B e-commerce platform built with SAP Spartacus. Leveraged Angular, RxJs, NGRX, and Java to deliver scalable, performant, and user-centric solutions.

### [wintersteve.com](#)

Nov. 2018 - Nov. 2020

*Freelance Software Engineer*

- Designed a scalable app infrastructure and developed a Python backend for a cloud-based (AWS) 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**