Rudolf Astl

Software Engineer

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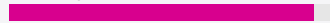github.com/snowGhub

About me

I'm Rudolf Astl, a 27-year-old software engineer based in Europe. I care deeply about efficient systems, clarity in code, and scalable architecture.

My work is guided by the Jobs-to-be-Done mindset: I focus on solving one problem extremely well instead of adding features for their own sake.

I speak English and German fluently and enjoy working on meaningful products with responsibility and craftsmanship.

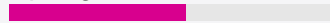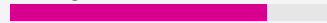**Frameworks**

Next.js

TailwindCSS

NestJS

VueJS

Quasar

Spring Boot

Databases

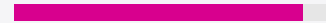MongoDB

MariaDB

RedisDB / KeyDB

PostgreSQL

Apache Cassandra
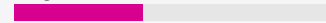
Tools

Git

Trello

Docker

Nginx

Jira

Figma

Projects

Snowdrop

Snowdrop is an intelligent monitoring and automation tool for developers and DevOps teams. It provides real-time insights into the health of servers, Docker containers, and running processes. In addition, Snowdrop offers an integrated task management system to track operational todos, automate incident responses, and visualize system activity through a modern dashboard.

With built-in support for alerting, dependency-aware task flows, and historical performance analytics, Snowdrop ensures that your infrastructure remains healthy and your team stays in control.

Tech: Spring Boot, NextJS, Docker, Zod, TanStack Query, PostgreSQL

Website

Redesigned personal homepage with a strong focus on performance, user experience, and responsive design.

Includes a contact form powered by a custom Next.js API. During development, Turbopack is used to boost build performance and enable fast hot reloading.

A dedicated CV section offers a downloadable PDF, generated at server startup using PDFKit and a structured JSON data source.

The project features separate staging and production environments with a custom CI/CD pipeline for fully automated deployments.

Tech: Next.js App Router, PDFKit, Node Streams, TailwindCSS, Docker, Mantine