

Curriculum Vitae

Name: Karol Sobolewski

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Location: Warsaw, Poland

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GitHub/Portfolio: <https://github.com/CharlesSBL>

Website: <https://karl-sobolewski.vercel.app>



Professional Summary

Developer in software development, data engineering, and frontend technologies. Experience in backend systems, ETL pipelines, containerization, and modern frontend frameworks. Passionate about Rust, Linux, systems programming, and open source.

Additional background in music production and sound engineering, alongside leadership roles in healthcare management and nonprofit operations.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, Rust, HTML, CSS

Frontend: React, TailwindCSS, NextJS

DevOps & Tools: Docker, Docker Compose, Podman, Git, Bash

Operating Systems: Fedora, Ubuntu, Debian, RHEL, NixOS

Music Production: FL Studio, Ableton, Reaper, VSTs, mixing & mastering

Languages

- **Polish** – Native
 - **English** – C1
 - **Russian** – Native
 - **Ukrainian** – Native
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Professional Experience

ETL & Data Engineering Intern

BelBiGroup, Belarus

2024 may – 2024 september

- Built and maintained data pipelines to collect, process, and analyze data from online platforms.
 - Used Python with Pandas, DuckDB, and PyArrow to process and transform large datasets.
 - Orchestrated workflows using Apache Airflow.
 - Containerized the project with Docker and Docker Compose for deployment.
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Java Backend Intern – *itoverflow*

itoverflow **Belarus**

2022 - 2023

- Developed a backend API for an e-commerce site using Java and PostgreSQL.
 - Designed and implemented data models and business logic for shopping and payment systems.
 - Gained experience in working with version control and agile development environments.
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Freelance Frontend Developer

Remote | Ongoing (2021 – Present)

- Built responsive and dynamic websites for clients using React, TypeScript, HTML/CSS.
 - Translated client requirements into clean UI/UX experiences.
 - Delivered projects independently, managing timelines and communication.
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HR Specialist & Manager

Private Nursing Home / Medicinae Pro Omnibus Foundation

Waraw Poland

2023 – 2024

- Managed HR operations, hiring, staff scheduling, and conflict resolution.
 - Represented the foundation in meetings with hospitals, city institutions, and other care homes.
 - Coordinated with multiple eldercare facilities across Poland.
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Education

Algorithms Specialization: [Stanford School of Engineering](https://www.coursera.org/account/accomplishments/specialization/certificate/BAR27J45RNUB)

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- In this specialization, learners developed a fundamental understanding algorithms and data structures. Learners studied general algorithm design paradigms and their applications, including divide-and-conquer, greedy methods, and dynamic programming; how to use data structures; and how to recognize and tackle NP-hard problems. Learners completed quizzes and programming assignments, and took an exam for each course.

General Educational Development

- High School Diploma (Average: 165/200) or GPA: 3.0
- The General Educational Development (GED) tests are a group of four subject tests which, when passed, provide certification that the test taker has United States or Canadian high school-level academic skills. It is an alternative to the US high school diploma, HiSET, and TASC test. The GED Testing website currently does not refer to the test as anything but "GED".

EF Language Abroad

EF Standard English Test

Credentail URL: <https://www.efset.org/cert/fHfq9c>

- is a standardized test of the English language designed for non-native English speakers. It is the product of EF Education First, a global language training company, and a team of language assessment experts including Lyle Bachman, Mari Pearlman, and Ric Luecht. EF compares the EFSET's accuracy to the most widely used high stakes standardized English tests: TOEFL, IELTS, and Cambridge International Examinations.

Interests

- Linux customization, window managers, and system internals
- Kernel and Wayland development (learning)
- Open-source software
- Electronic music production & audio engineering
- UI/UX design and visual aesthetics