SERGII KOCHETOV

sergii.koch@gmail.com | LinkedIn | Personal Website | GitHub

Full-stack developer proficient in modern JavaScript frameworks and backend technologies. Experienced in building scalable, user-friendly web applications using front-end frameworks, Node.js, and PostgreSQL. Strong in UI optimization, database design, and software architecture principles. Passionate about delivering robust and maintainable solutions through clean code, performance optimization, security best practices, and web accessibility.

TECHNOLOGIES

Front-end: Javascript frameworks (Vue/Nuxt.js, Svelte/Svetelkit, React/Next.js, SolidJS), TypeScript, HTML5, CSS3, TailwindCSS.
Back-end & Databases: Node.js, Fastify, PostgreSQL, ORMs (Drizzle, Prisma), Oauth, Supabase.
Tools & Testing: Docker, AWS.

EXPERIENCE

PROGRESSTECH-UKRAINE
Manufacturing Engineer (former Design Engineer)

Kyiv, Ukraine
May 2016 – Present

- Developed and optimized engineering solutions, improving efficiency in Boeing's manufacturing processes.
- Collaborated with cross-functional teams to gather and analyze requirements - mirroring Agile development workflows.
- Led stakeholder meetings to drive project success - demonstrating strong communication and problem-solving skills applicable to software development.

PROJECTS

CHECKLY
July 2025 – August 2025

Website | **Stack:** React, Typescript, Fastify, PostgreSQL, Objection.js with Knex, OpenAPI.

- **Collaborated in daily team discussions** to improve developer experience and UI consistency.
- **Established design system** using CSS variables (fluid typography, color palette, spacing, utility classes).
- **Built core reusable frontend components** from Figma designs (buttons, inputs, loaders).
- **Implemented backend plan search** with Fastify + Objection/Knex, enabling logged-in users to search plans by title and category.
- **Developed the Plan Edit page** supporting full CRUD operations with real-time updates previewed in a PDF-like format.
- **Contributed to bug fixing and peer code reviews**, improving overall code quality and maintainability.

LISOGORKA
January 2025 – March 2025

Website | **Stack:** Sveltekit, Typescript, PostgreSQL, Drizzle ORM, Fluid Typography, Cloudinary, Oauth, Supabase.

- **Designed modular architecture** using Repository Pattern and Dependency Inversion (DIP), making the codebase maintainable and ready for future feature additions.
- **Crafted a responsive UI** with Cube CSS & fluid typography that works seamlessly across devices while meeting accessibility standards.
- **Optimized image delivery** through Cloudinary service integration, improving page load performance.

- **Implemented secure content management** with OAuth authentication and Supabase for streamlined website updates.
- **Structured efficient database queries** using Drizzle ORM with PostgreSQL for type-safe data handling.

KEENETHICS   **Remote**
Internship   **February 2024 – April 2024**

Website | **Stack:** Next.js, PostgreSQL, Prisma ORM, React Admin, Tailwind.

- **Configured custom Tailwind theme** - Extended Tailwind's default configuration with project-specific design tokens including custom colors, spacing, and typography to maintain design consistency.
- **Enhanced data integrity** by developing Zod validation features for form inputs and API requests.
- **Built reusable UI components** that were implemented throughout the website, improving code maintainability and visual consistency.

EDUCATION

BINARY STUDIO ACADEMY   **Remote**
JavaScript course on building web apps   **May 2025 – Aug 2025**

- React.js, TypeScript, patterns, unit testing, and web architecture.

GENESIS ACADEMY   **Kyiv, Ukraine**
Front-End School   **April 2023 – July 2023**

- TypeScript, clean code principles, unit testing, and web architecture.

SOFTSERVE ACADEMY   **Kyiv, Ukraine**
React Marathon   **October 2022 – December 2022**

- Advanced React.js, React Router, state management, Git, and SOLID principles.

HILLEL IT SCHOOL   **Kyiv, Ukraine**
Front-End Course   **May 2022 – October 2022**

- Through this course, I developed a comprehensive understanding of key front-end technologies including JavaScript, CSS, HTML, REST API, ReactJS, and backend development. This expertise provided me with a solid foundation, enabling me to apply concepts in front-end projects.

ADMIRAL MAKAROV NATIONAL UNIVERSITY OF SHIPBUILDING
Mykolaiv, Ukraine

Master of Automation Engineering
2012 - 2014
Bachelor of Automation Engineering
2008 - 2012

ADDITIONAL INFORMATION

- **Languages:** English (high proficiency), Ukrainian (native), Polish (basic).
- **Hobbies:** baking, cycling, photography, traveling.