Curriculum Vitae
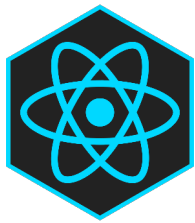
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Experience
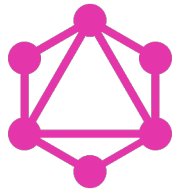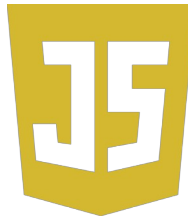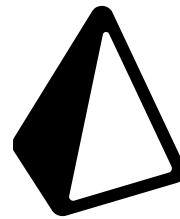
React	Typescript	GraphQL	Javascript	Prisma.js	Symfony & PHP
4 years	2 years	1.5 years	4 years	2 years	5 years

2024.02 – currently Systems Engineer Developer at IAV

Main responsibilities: developing applications supporting workflows in automotive industry.

2022.03 – 2023.07 React Developer / Full Stack at *MoreCode*

I was responsible for project's architecture (database design, frameworks selection etc.) as well as building both frontend and backend with GraphQL. Application core technologies: **React**, **Typescript**, **Prisma.js**, **TailwindCSS, Playwright**. Deployed as a **serverless** application to **AWS** with **PostgreSQL** database. Designs implemented from **Figma** mock-ups.

As a team of engineers we have also completed few front and backend projects for international company from cyber-security space. My tasks were mostly frontend related during these projects and included building UI based on **Figma** designs, creating components with **React**, writing tests – automated using **Jest** and manual for QA team (**React / CSS / Jest / Figma**). In both international and local environments we worked as **agile** teams with tasks assigned in **JIRA** and everyone did **code reviews** for peers.

2012 – 2022.03   Senior IT Specialist at *ifm ecolink.*

Creating applications that help people complete their work efficiently as well as design ISO processes that assure reliable outcomes **(React, PHP, MongoDB, PostgreSQL,**

MySQL). Help users and solving issues affecting both office employees as well as production area.

2011.07 – 2011.12 Manager assistant in EU founded project.

2010.04 – 2012   **IT Specialist** at Koszalińska Agencja Rozwoju Regionalnego S. A.

2009 – 2011   Freelance work in web development using Joomla and Wordpress, customized plugins/solutions implementation (**CSS**, **PHP**).

2008 – 2009   Studying in Lisbon as part of the "Erasmus" program, at „*Instituto Superior Téchnico*" – theoretical and practical experience with **UX** and **user driven development**.

Education

2011 February   Masters degree at Technical University of Koszalin.

2008 – 2009   Masters degree at „Instituto Superior Téchnico" as „Erasmus" student.

2004 – 2008   Technical University of Koszalin – Computer Science, Programming and Network, specialization in applied databases.

Skills

- Translating business requirements to projects and implementation – gathering business requirements and understanding how to achieve them when applied to actual work performed by employees.
- Basics of using **Jest / Vitest** as a testing framework.
- **End to end testing** with **Playwright**.
- Working with MySQL/MariaDB/MongoDB/**PostgreSQL** databases usually using PrismaJS or PHP's Doctrine ORM.
- I have worked using Linux / MacOS and Windows operating systems.

Additional

- Drive permit (PL B. cat.)
- Passionate about learning and always open to improve processes.
- First Certificate in English obtained in 2003.

Publications

2012 May   Article about methodology of comparing websites before Google Lighthouse or other automated testing tools were commonly used. Based on [HHS guidelines](#).

Hobbies

- Reading and to music is a big part of my life.
- Learning from the best (Kent C. Dodds, Wes Bos, Josh Comeau, Matt Pocock).
- Sharing knowledge, exploring ideas with code.
- Meta-learning and woodworking.

Projects

Current:

- Personal website built with latest **Next.js** (App Router and server actions) and **React**.
  Github: https://github.com/ethernal/personal-site
  WWW: https://sebee.website

Latest:

- Training application that connects trainers and trainees with personalized training plans.
- Applications developed and under maintenance:
  - Document management for ISO standardization documents. Allows for maintenance of ISO standards for the company by a single person department since 2015. Closely developed with the stakeholder. (**MariaDB** / **Symfony / PHP**)
  - Ticketing system and machine park maintenance application – minimizes time to fix, improves production process. Generates thousands of euro savings monthly. Close development with management and maintenance employees. (**MariaDB** / **Symfony**)
  - Monitoring of areas temperature, humidity as well as gathering historical data for audits of manufacturing goods storage. (**MongoDB / ExpressJs** / **React**)
  - CLI application to analyze and filter data from multiple external reports generating single report with requested data. (**CLI** app in **NodeJS** compiled to a single executable file)
- Other non software projects:
  - Network for production halls and office areas, modernizing IT network infrastructure in old buildings. Planning associated infrastructure for new investments.
  - Assets management and creating documentation to streamline internal processes. Helping adopt new processes in R&D and engineering departments (**Git** and GitFlow workflows).