



CONTACT

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- [LinkedIn](#)
- [Online portfolio](#)

PROFESSIONAL PROFILE

I specialise in React with over 5 years of experience, focusing on building scalable frontend ecosystems with a solid backend foundation. Beyond the browser world, I actively develop projects in robotics — from PCB design to autonomous systems based on ROS/ROS2. This interdisciplinary combination allows me to build applications that effectively connect the world of data with the user's physical experience.

SKILLS

React

Redux

Context API

Hooks

WebSocket

Micro-frontend

React Native

Navigation

Expo

App deployment

Next.js

Node.js

SSR

OAuth

Robotics

ROS/ROS2

Microcontrollers

PCB

Python

C/C++

YOLOv8

Tools & Other

Git

Github Actions

Webpack/Vite

NPM/Yarn

REST API

AI/LLM

Docker

ŁUKASZ BERNATOWICZ

FRONTEND DEVELOPER

EXPERIENCE

Frontend Developer - NapoleonCat Sp. z o.o.

2022 to Present

- Publishing releases and working with production data
- Building new modules in a micro-frontend environment for the web application
- Implementing a micro-frontend environment in the web application
- Building a new mobile app in React Native and integrating it with backend services

Frontend Developer - Codema Sp. z o.o.

2021 – 2022

- Working on client panel web applications
- Working on the React Native fintech mobile app EasySend

Frontend Developer - ITHero Sp. z o.o.

2020 – 2021

- Development of admin panel and mobile app for the Viola footwear retail chain
- Development of the Szukam Nianii (nanny finder) mobile app

Frontend Developer - Lightsoft

2018 – 2022 • Freelance

- Control application for a robot performing operating room decontamination (KLAROMED)
- Mobile and web application controlling a robotic arm

Project Engineer - Ocean-tech Sp. z o.o.

2018 – 2020

- Development of a video streaming system for divers (hardware + software)
- Development of underwater signalling system for divers (hardware + software)
- Work on ROV-class underwater vehicles

EDUCATION

Mechanical and Medical Engineering

2015-2020 • Gdańsk University of Technology, Faculty of Mechanical Engineering

CERTIFICATES

AI Devs Agentic

Building autonomous AI agents using LLMs (OpenAI, Anthropic). Automating business processes by connecting language models with external APIs

Pre Security

Cybersecurity fundamentals: network vulnerability analysis, cryptography basics, and securing web applications against OWASP Top 10 attacks

React Developer Certification

Advanced state management, render optimisation, and building scalable interfaces in the React ecosystem (Hooks, Context API, Next.js)

React Native Developer

Building cross-platform mobile applications (iOS/Android) with Expo, Reanimated, and integration with native device features

I consent to the processing of my personal data for the purposes of the recruitment process (in accordance with the Personal Data Protection Act of 10 May 2018 and GDPR).