

## CONTACT

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## EDUCATION

2023 - present

POLITECHNIKA

CZĘSTOCHOWSKA

- Information technology

2014 - 2017

POLITECHNIKA

WROCŁAWSKA

- Information technology  
discontinued

2010 - 2014

TECHNICZNE ZAKŁADY

NAUKOWE IM. GEN.

WŁADYSŁAWA SIKORSKIEGO

W CZĘSTOCHOWIE

- IT technician

## SKILLS

- TypeScript
- JavaScript
- HTML
- Angular
- NestJs
- NodeJs
- Git

## LANGUAGES

- Polish (native)
- English (B2)

## CERTIFICATES

- ECDL Webstarter

# PIOTR KASPERSKI

## PROFILE

I am a developer specializing in TypeScript, with expertise in creating modern web applications using Angular and NestJS. I focus on developing efficient frontends and scalable backends, adhering to industry best practices. In addition to programming, I am passionate about electronics and embedded systems, often working on projects that blend the digital and physical worlds. I am always eager for new challenges that require both technical knowledge and innovative thinking.

## WORK EXPERIENCE

- Microtech sc.** 02.2020 - 08.2024  
Deputy Warehouse Manager
  - Delegating tasks to employees, ensuring efficient use of resources and timely project completion.
  - Training new employees, introducing them to their duties and procedures, and supporting their professional development.
  - Monitoring team progress and providing regular reports to senior management.
  - Receiving goods into inventory, verifying deliveries, and managing warehouse documentation.
- Nocne Gastro** 01.2018 - 02.2020  
Restaurant Worker
  - Taking orders and distributing them among staff.
  - Making purchases and ensuring the availability of necessary supplies.
  - Serving and assisting customers, ensuring a positive dining experience.
  - Delivering orders promptly and accurately.
- Mobile/Web Developer** 12.2017 - 12.2018
  - Implementing LokiJS database.
  - Creating user interfaces (views).
  - Collaborating with the development team to integrate front-end and back-end components.
  - Participating in code reviews and providing constructive feedback.

## MY PROJECTS

- KlonIoT**

A comprehensive IoT framework fully developed in TypeScript, leveraging Angular, NestJS, and DeviceScript. It streamlines the creation, deployment, and management of IoT devices, offering a seamless and efficient development experience.

<https://gitlab.com/Klonek/kloniot>

### ● Protocol

Web-based End-to-End Encrypted Messenger. Developed using Angular with NgRx, Axolotl, Angular Material, and Google Firebase integration. As a team member, I was responsible for implementing the typing indicator, read receipts, emojis, message reactions, and the functionality for deleting and editing messages.

<https://gitlab.com/the cyberd3m0n/protocol-im>

### ● Restrand

An application designed to randomly select restaurants from a user-created database. Developed using Angular and NestJS, it integrates Google API for enhanced functionality.

<https://github.com/PiotrKasperski/Restrand>

### ● ShopList

The shopping list app ensures seamless synchronization across devices with a backend in NestJS and PostgreSQL for data management and JWT-based authentication. The frontend, built with React and Ionic, offers a user-friendly interface for managing lists. It is packaged in a Docker image with a CI/CD pipeline for streamlined deployment.

<https://gitlab.com/Klonek/ShopList>

## OPENSOURCE CONTRIBUTION

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### ● DeviceScript

DeviceScript brings TypeScript to low-resource IoT devices, allowing programming on constrained microcontrollers. Compiled into a custom VM bytecode, it runs in highly limited environments. I contributed to this open-source project by implementing the Number Core JS API functions.

<https://github.com/microsoft/devicescript>

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).