# JAKUB SMOLAGA

## SOFTWARE ENGINEER

## CONTACT

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## EDUCATION

**BE in IoT Engineering**      2020-2024

**Warsaw University of Technology**

Acquired skills:
- Embedded development
- C, C++
- IoT infrastructure
- Micro-service architecture
- Hardware design

**IT Technician**      2016-2020

**ZSEiL Warsaw**

Acquired skills:
- Database design
- Web application development
- TCP/IP networking
- PC architecture

## CERTIFICATES

E.12 - Assembly and operation of personal computers and peripherals

E.13 - Design of local computer networks and administration of networks

E.14 - Web application development and database administration

## LANGUAGES

**English**  Fluent

**Polish**  Native

## TECHNOLOGY

- Web
- Networking
- Go
- NodeJS
- Linux
- Docker
- Cloud
- AWS
- GCP
- Git
- Algorithms
- Data structures
- C, C++
- Svelte
- TDD

## WORK EXPERIENCE

### Backend Developer

Intevi Ltd. (later acquired by Aura Futures)      Jul 2019 - Sep 2020

- Worked on designing and implementing a cloud based content management system that integrated with our legacy, hardware, LAN solutions and allowed our clients to remotely manage their systems as well as access new features.
- Developed a number of quick turnaround prototypes that allowed clients to assess our solutions and solve their problems as quickly as possible thus strengthening their relationship with our company.
- Developed micro-services using Go and NodeJS
- Managed AWS services such as: Lambda, EC2, S3, CodePipelines, DynamoDB

### Frontend Developer (Internship)

SensiCode      Jan 2019 - Mar 2019

- Developed a mobile game showcase website
- First experience with developing software for a client

### Manual Tester (Internship)

DCC Labs (later acquired by SeaChange International)      May 2015 - Jun 2015

- Performed manual tests on products developed by the software team and reported issues back to them
- First experience with working in a professional IT environment

## OTHER ACHIVEMENTS

**2nd place at the "TechGeneration" hackathon (2023)**
Together with my college friends, we created a smart, plant watering solution and ended up taking second place at the hackathon.

**Finalist at the "HackYeah" hackathon (2022)**
Together with my college friends, we created an IoT, smart foresting solution that got us to the finals of the biggest European hackathon.

**Winner of the "Creative Youth" award (2018)**
After creating pracabezgranic.pl we submitted it for the Creative Youth (Kreatywna Młodzież) contest and ended up winning.

**2nd place at the "New side of data" hackathon (2018)**
New side of data (Nowa strona danych) was a government funded hackathon based around improving the dane.gov.pl website.

**Volunteer at the "Code For Poland" foundation (2017)**
In the Code For Poland foundation (later renamed to mojepanstwo.pl) I worked on creating a promotional game for the Museum of Warsaw.