

# Jakub Dudek

Experienced in developing mobile applications and backend solutions. Stacked with skills ranging from requirements elicitation, interface design, application development and deployment to production environments.

## EXPERIENCE

### **Decerno** — *Systems Engineer and Mobile developer*

February 2019 - Present

- Developing a GraphQL layer onto an existing backend stack
- Building a React Native application to prototype the GraphQL implementation
- Building an integration layer between an administration system and a new frontend

### **WeKnowIT** — *Mobile Application Developer*

October 2018 - January 2019

- Building tailored applications for private customers and companies
- Full development process spanning from UI design to marketplace deployment
- Eliciting requirements together with customer

### **Hello World** — *Programming mentor*

August 2015 - June 2018

- Creating a curriculum and giving lessons in basic programming concepts
- Organizing events for teenagers with the intent of teaching programming

## EDUCATION

### **Chalmers University of Technology**

#### **Masters in Software Engineering**

2019 - Present

#### **Bachelors in Computer Engineering**

2016 - 2019



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## TECH STACK

### **Programming Languages:**

Java, JavaScript, Swift

### **Frameworks:**

React Native, Apollo GraphQL, ExpressJS, Mocha, TensorFlow

### **Database/Data Stores:**

PostgreSQL, MongoDB, GraphQL, Firebase

### **Tools:**

Git, node, Jira, DigitalOcean

### **Devops:**

Docker, nginx, pm2

### **Languages Spoken Fluently:**

Swedish, English, Polish



[github.com/snakeyh](https://github.com/snakeyh)

## PERSONAL PROJECTS

### **Solar Team Challenge**

Building a solar driven car in order to take part in the 2019 Bridgestone world solar race. My main purpose was developing software to gather all the data from the cars sensors and display it to the driver and the team.

### **Business Match**

IOS and Android application letting users quickly share their personal information in the form of digital business cards. Build with intention to improve communication between students and companies during job fairs.

### **Subway Calendar**

Full-stack application allows the subway manager to upload a PDF with schedule that would be automatically be converted to JSON and made available to the IOS and Android mobile application.

[References given upon request](#)