

# Bartłomiej Więckowski

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My github repository: <https://github.com/bwieckow/>

## Work experience

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11/2018 to present

### **Syncron Poland Sp. z o.o.**

As an Associate DevOps Engineer, I was responsible for automating processes and automation improvement for existing solutions using Jenkins jobs and Ansible playbooks. All Jenkins jobs has been written in Groovy using Jenkins DSL plugin. This automation was mainly helping in managing resources in AWS Cloud and internal ticket management. I was also creating some Terraforms for provisioning purposes.

07/2016 to 10/2018

### **Lingaro Sp. z o.o.**

Providing level 2 support to multiplatform application – investigation and data validation. The application was based on Magento Platform which was connected to Cisco Information Server and SAP. I was performing simple SQL queries to find out why data is missing. I documented all processes for investigation purposes. Successfully conducted knowledge transfer to new coworkers.

Developing web application in Angular2 (TypeScript) with Ionic2 framework in MVC software architecture pattern – creating simple components and services. In this project I was also taking part in developing back-end application in Groovy – creating methods to transfer files to server with SFTP protocol and integration tests to validate if data is imported properly from Excel files. The whole development process was performed in SCRUM methodology.

Administrating RHEL servers. Deploying, administrating and managing Nginx, Nexus, Gerrit and Jenkins with Docker technology. I was creating scripts, Dockerfiles and docker-compose files for automatization and simplification purposes. It was also helpful in possible migration process.

Managing Azure Cloud resources on resource group and subscription level. I was responsible for assigning MSDN accounts and creating new resource groups and subscriptions – depending on needs. I have also a basic knowledge about services in Azure Cloud. I have helped with setting up Web Applications with SQL Database and Blob Storage usage integrated with Jenkins for continuous integration purposes. I have also taken part in creating ARM files and PowerShell scripts for Azure Cloud provisioning application.

# Education

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02/2016 to present

**Warsaw University of Technology**

Radiocommunication and multimedia technology

## **Use of NFC technology in Internet of Things applications**

This thesis will describe software designed in Internet of Things concept with use of NFC technology. It will present the way of features implementation, programming models and languages analysis, to implement them to development environment for Android. It will also contain application utility and warranty researches.

The main objective is to create a ticketing system with use of NFC technology and SNEP protocol. The system will contain MySQL server, TOMCAT server with RESTful API and two devices with NFC module.

10/2012 – 01/2016

**Gdansk University of Technology**

Radio Communication Systems and Networks

## **Software for Coverage Estimation in LTE**

This thesis describes the software for coverage estimation in LTE realisation process. It presents how to estimate link budget and analyze available propagation models, to implement them to development environment for JAVA. Only three of all analyzed propagation models were successfully implemented: Young model, Hata model and COST231 model.

The fact that application was executed correctly allowed me to make some researches and analyze them. The SINR (Signal-to- Interferences-plus- Noise Ratio) parameter was claimed as a main criterion parameter but in fact it was CQI (Channel Quality Indicator) parameter which determines SINR depending on demanded throughput.

# Skills

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**Language:** Fluent in English and Polish.

**Certificates:** ITIL Foundation Certificate

### **Computer Skills:**

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| <ul style="list-style-type: none"><li>• Programming languages: PowerShell Script, Bash Script, TypeScript (Angular2), HTML, Java</li><li>• Basics of languages: SQL, JavaScript, CSS, Android, Spring Framework, C++, PHP</li><li>• MATLAB</li></ul> | <ul style="list-style-type: none"><li>• Docker Hub</li><li>• Git/Gerrit</li><li>• Azure Cloud</li><li>• Linux and Windows operating systems</li></ul> <p>Knowledge of telecommunication theory</p> |
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