-CV-

Jakub Kościelny

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Date of birth: 23.02.1999
Town: Kaczyce

Experience

11.2019 - now

Service worker with office equipment
Alarmadi Adrian Dobrogowski Zebrzydowice

Responsibilities:

- Creating network infrastructure.
- Network configuration.
- Programming MikroTik devices.
- Repairing desktops, notebooks.
- Diagnosing and fixing network and hardware issues.
- Helpdesk via RDP, AnyDesk, TeamViewer.
- Using fiber technology for creating infrastructure.
- Communication with clients.

Extra:

- Created computer application for analysing devices data for fixing network problems. Presented on GUI.
- Created web application for diagnosing client's device issues.
- Operating on csv file, manipulate data by using Python.

10.2019 – now

Professional development

- **Programming IOT devices (microcontrolers - esp01, esp32) via C/C++ languages.**
    - Used mainly for Smart Home purposes.
    - Sending/receiving data to REST API.
    - Using input/output components (sensors, buttons, lcd etc.).
    - Creating automatizations.
- **Programming websites**
    - Creating simple static website HTML+CSS+JS+BS.
    - Using the following combination of technology.
        - PHP + MySQL
        - Django + PostgreSQL/MySQL/SQLite
        - ReactJS + Django + PostgreSQL/MySQL/SQLite
        - Flutter + Django + PostgreSQL/MySQL/SQLite
    - Using Django and Django Rest Framework for REST API.
    - Combining technology above with IOT.
- **Programming computer application**
    - Creating GUI via „tkinter „ python library.
    - Connecting to database and making operations on database.
    - Applying programming paradigm like MVVM,MVP.
- **Container**
    - Using LXC and docker containers for:
        - Deploying
        - Managing application version
    - Using docker compose and dockerfile for:
        - Creating images
        - Creating complete environments
- **Operations on data**
    - Analyzing and manipulating data using Python via:
        - Dataframes - pandas
        - Visualization - matplotlib
    - Reading/Writing xml files using C#
- **Network**
    - Projecting network
    - Using MikroTik devices for network purpose
    - Using firewall, routing protocols, vpn, vlans, bridges, nat
    - Protecting properly network
- **Operating systems:**
    - Using fluently Linux environment mainly the following distros:
        - Debian for server purposes
        - Ubuntu for desktop
    - Using virtualization and conterization in PROXMOX

10.2022 – 01.2023

Apprenticeship
Cieszyn EPLAN(Rittal Sp. z o.o.)

Responsibilities:

- **Creating integration test in C#**
    - Inspecting source code
    - Applying NUnit framework
    - Implementing solution
    - Applying solution on source code
- **Using EPLAN API**
    - Opening projects
    - Reading projects details
    - Operating on DataModel
    - Comparing properties on different functions
    - Applying prepared add-ins
    - Fixing appeared issues

05.2022 – 07.2022
Apprenticeship
Cieszyn EPLAN(Rittal Sp. z o.o.)

Responsibilities:

- Explore the capabilities of Azure
- Creating exemplary environments
- Doing determined tasks

05.2022 – 07.2022
Apprenticeship
Training Vision Great Britain Portsmouth

Responsibilities:

- Developing skills in the field of computer hardware, computer network and website.

Education

10.2019 – 01.2023
Silesian University of Technology
Major: IT
Specialization: Data Engineer
Education level: engineer

09.2015 - 06.2019
Zespół Szkół im. Władysława Szybińskiego w Cieszynie
Major: informatyka
Educational level: secondary

09.2012 - 06.2015
Zespół Szkół w Kaczycach Middle School
Educational level: basic

09.2006 - 06.2012
Zespół Szkół w Kaczycach Primary School
Educational level: basic

Skills

- Knowledge of:

  - C/C++
    - Programming microcontrollers
  - C#
    - Applications WPF
    - Patters like MVVM, MVP
    - DAL
    - Operating on xml files
  - Bash/Batch
    - Scripting for automatizations
  - HTML/CSS/JS/ Bootstrap
    - Creating simple website
  - ReactJs
    - Creating interactive web application
  - PHP
    - Creating website with some functionality
  - Mysql, PostgresSQL, SQLite, NoSQL
  - Python
    - Numpy
      - Improving speed algorithms
    - Pandas
      - Analysing data in csv files
    - Selenium
      - Creating test automatization
      - Creating bot for analysing website content
    - Django
      - Creating websites
    - Django Rest Framework
      - Creating REST API
    - Tkinter
      - Creating GUI application
    - Turtle
      - Creating GUI games
    - BeatifulSoup
      - Scraping website content

- Knowledge of:

  - Docker containers
    - Creating for deploying programmed application
  - LXC containers
    - Creating for separating services application
  - Virtualization like Hyper-V and VirtualBox
  - Apache
    - Running websites
  - TCP/IP
  - Wireshark for finding network problems

- Configuration firewall
- Diagnosing network faults
- Configuring Mikrotik's devices
- Operating in Linux
- Creating raids and automated backups
- Driving license cat.B
- English at B2 level
- Google Docs/Slides/Sheets
- MS Word/Excel/PowerPoint
- Diagnosing and solving computer problems
- Logical thinking
- Using documentation for specific purpose

Training, Courses, Certificates

06.2019

E14 Web and database development and database administration

06.2018

Europass-Mobility

06.2018

E13 Designing local computer networks and administering networks

06.2017

E12 Assembly and operation of personal computers and peripheral devices

Interests

- Cycling, rollerblading
- Economics
- IT security
- Listening to podcasts
- Mikrotik routers
- Running
- Smart home, IOT
- Automating actions
- Reading e-books
- Solving puzzles

Links

Github

https://github.com/Qbason

Portfolio

https://jakubk.pl/

Microsoft

https://docs.microsoft.com/en-gb/users/jakubkocielny/