

# Ing. Peter Dubravec

peter.dubravec98@gmail.com | 0915 548 350 | Banska Bystrica, SK | www.peter-dubravec.website | https://github.com/peter-dubravec

## EDUCATION

### SLOVAK TECHNICAL UNIVERSITY

Bratislava, Slovakia, Graduated Fall 2022

#### *Master's of Science in Multimedia Information and Communication Technologies – Computer Science*

*Relevant Courses:* Future Networks - Cloud computing - Network Functions Virtualisation

- Technical Projects: *Created 3 node clusters using OpenDaylight controllers.*  
*Showcased possibilities of using virtualization at the university.*

### SLOVAK TECHNICAL UNIVERSITY

Bratislava, Slovakia, Graduated Fall 2020

#### *Bachelor's in Telecommunications – Computer Science*

- Technical Project: Implemented Border Gateway Protocol in Software Defined Network using Cisco devices.

### KINGSTON COLLEGE

London, United Kingdom, 09/2015 - 06/2017

*A-Level* - Graduated in subjects *Mathematics, Physics, and Computer Science.*

## PROJECTS

### Created a tech blog with a content management system

December 2022

- Proficient in **full-stack development utilizing MongoDB, ExpressJS, React, and NodeJS** to create a functional blog with a content management system.
- Implemented a login system with **JWT tokens** to secure access to the admin panel, showcasing authentication and authorization skills.
- Experienced in **CRUD operations**, allowing for creating, retrieving, updating, and deleting blog posts and comments.
- Demonstrated knowledge in cloud computing by deploying both the **front-end and back-end of the project on AWS**.
- Configured firewalls and security groups protection, allowed only specific ports for **HTTP, HTTPS, and SSH, and obtained an SSL certificate**, displaying proficiency in network security.
- Utilized **PM2 to run the backend API in the background**, showcasing process management skills.
- Demonstrated the ability to **integrate external tools and services** into a project by utilizing TinyMCE editor, a third-party cloud application, to facilitate the creation and editing of posts.

### Social Platform Project - Odin

January 2023

- Demonstrated proficiency in data manipulation and management through the use of advanced data structures in my project.
- Built a user **authentication and authorization system** that allowed users to create, comment, and like posts, as well as request and add friends, showcasing my ability to implement complex user systems.
- Developed a **user interface that was in sync with the back-end**, ensuring immediate updates and persistence across page reloads, displaying front-end development skills.
- Created a robust back-end system that supported user authentication and authorization, as well as data storage and retrieval, demonstrating back-end development proficiency.
- Utilized **React component lifecycle methods**, such as **useEffect, useState, useContext, useLocation, useParams, and useContext**, to ensure seamless updates when data was changed, displaying knowledge of React component lifecycle.
- Implemented persistence to ensure data persisted across page reloads, showcasing my understanding of data management and storage.

## WORK EXPERIENCE

### Founder and Owner of a Chata Gabor

Banska Bystrica, Slovakia, 08/2017 – Present

*Chata Gabor is an established real estate business focusing on attracting tourists and locals.*

- Developed a promotional website targeting potential customers using **JavaScript, HTML, and CSS**.
- Expanded a business to reach ~ **300 clients in 3 years**.
- Drove a client's satisfaction to reach the result of **9.7 out of 10**.
- Facilitated communication with **international clients from the USA, UK, Hungary, Austria, and Poland**.

### Co-Creator of PCtechnica

London, United Kingdom, 03/2016 – 06/2017

*PCtechnica was a local computer repair business.*

- Led a computer repair business, where I troubleshoot **clients' requests in the West London area**.
- Served and managed **15+ customers on-call**.
- Developed a **promotional website for PCtechnica using WordPress**.
- Stayed up to date with new technologies to deliver the best service.

## TECHNICAL SKILLS

- |              |          |              |         |              |
|--------------|----------|--------------|---------|--------------|
| ■ Javascript | ■ NodeJS | ■ React      | ■ NoSQL | ■ DevOps     |
| ■ Linux      | ■ SQL    | ■ Git/Github | ■ AWS   | ■ Networking |

## CERTIFICATIONS & LANGUAGES

**PATH COMPLETION:** **ODIN PROJECT:** MongoDB Express React NodeJS

**HARVARD UNIVERSITY:** CS50's Web Programming with Python and JavaScript

**LANGUAGES:** *Slovak (native) | English (fluent)*