OCHIȘ
PAUL-CĂTĂLIN

IT SERVICE SUPPORT AND DEVELOPMENT

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EDUCATION

BACHELOR

UNIVERSITATEA POLITEHNICA DIN TIMIȘOARA, TIMIȘOARA
2024

• Earned broad experience in various programming languages during undergraduate studies.
• Demonstrated proficiency in low-level languages such as C and C++, and high-level languages including C#, Java, Python and JavaScript.
• Strengthened communication and programming abilities through individual and team-based projects.
• Accumulated experience in a wide range of software applications, notably in designing a smartphone-controlled remote car.

HIGH SCHOOL DIPLOMA

COLEGIUL NATIONAL "MOISE NICOARĂ" DIN ARAD, ARAD
2020

• First exposure to programming languages during high school, with a focus on C++
• Gained experience in HTML, CSS, and C#
• Managed to advance skills through building several web pages and a game in C#

LINKS

Github :
https://github.com/Ochis27?tab=repositories

Linkedin:
https://www.linkedin.com/in/ochis-paul-cătălin-a180b3220/ per...

SKILLS

○ Java
○ Javascript
○ Java Spring Boot
○ C#
○ React.js
○ Vue.js
○ SQL
○ MySQL
○ PostgresSQL
○ Python
○ C
○ Node.js
○ Node-Red
○ Astro.js
○ C++

LANGUAGES

○ Romanian
○ English

PERSONAL DETAILS

Date of birth
27.07.2001

Nationality
Romanian

DRIVING LICENSE

DRIVING LICENSE CATEGORY
B

ABOUT ME

I am a dedicated professional committed to continuous learning and self-improvement, with a deep-seated passion for exploring a wide range of subjects. My consistent punctuality and discipline stand as evidence of my professional dedication. Driven by an insatiable thirst for knowledge, I excel in the fast-paced tech industry, where my broad understanding of various technologies ensures adaptability and a significant contribution to organizational objectives.

WORK EXPERIENCE

IT SERVICE SUPPORT AND DEVELOPMENT | MAR 2023 - PRESENT

VITESCO TECHNOLOGIES, TIMIȘOARA

• Proficient in C# and PowerShell for cutting-edge application development.
• Utilizes Grafana and Prometheus for peak IT service monitoring efficiency.
• Streamlines new software deployment for flawless integration.
• Delivers expert SharePoint and MS Project 2016 Enterprise support.
• Orchestrates strategic plans for sophisticated service monitoring systems.
• Harnesses Prometheus for comprehensive monitoring across multiple data sources.
• Implements Terraform for streamlined cloud infrastructure oversight.
• Masters Grafana for superior data visualization and analysis.
• Crafts detailed documentation for monitoring software to enhance user experience.
• Innovates with Figma for intuitive and engaging web design prototypes.
• Developed versatile cross-platform applications using Vue.js, TypeScript, and Quasar.

COMPUTER OPERATOR ELECTRONIC AND NETWORKING | JUL 2022 - FEB 2023

CONTINENTAL, TIMIȘOARA

• Spearheaded development and integration of automated data processing and display project.
• Proficient in diverse programming languages including HTML, CSS, JavaScript, NodeRed and MySQL.
• Experienced in utilising software applications like Grafana for data display and Prometheus for data monitoring.

PERSONAL PROJECTS

SMARTBRAIN
SmartBrain is a fullstack application which uses React for the frontend, Node.js for the backend and PostgreasSQL as a database. The project has integrated a machine learning API, which is used to detect faces. Users can upload a photo and then press a button to detect how many photos were in that image, all of the data is then stored in a database.

NEURONAL NETWORK
I build a neuronal network in Java which is used to detect text from images and it is trained on a MINST dataset.

PARTICLE EXPLOSION
This project focuses on simulating visually appealing particle explosions with periodic color-changing effects using C++ programming language along with the SDL (Simple DirectMedia Layer) extension.

LK21 INVESTMENT FUND
LK21 Investment Fund is a web based application witch uses Java Spring Boot on the backend, PostgreSQL as a database and React.js on the frontend. It allows user to buy stocks in eco-friendly companies through brokers.

LEARN NEW FACTS
The project was built using HTML, CSS, JavaScript, and React. We used Supabase as the database, which offers an API for the backend and allows for easy data manipulation. React was used to host the page. Users can interact with the database by giving reactions, filtering, and adding new curiosities with valid sources starting with HTTP or HTTPS.

FEEDBACKUI
FeedbackUI is a web application which uses React on the front end and a .json server to simulate a backend. Users can add revious of different things, mark them from 1 to 10, add some description to the feedback, edit the feedback if they forgot to add something and even delet it. This web page also has an average of all the reviews on the page. This page also uses React router to navigate to an about page of the project where we provide more information about the page.

GITHUBFINDER
GithubFinder is a web application which uses React and the Github API to search for different users on Github. For each user we are displaying some data like the name, number of repositories and the number of pull requests in the last days.

TURTLEBOT 3 ROBOT
In this project, we developed an autonomous robot that could navigate roads marked with black lane lines and obey traffic rules such as identifying STOP signs and making left turns. Using the Python programming language. Gazebo simulation environment and Linux OS, we simulated a route of our robot while using its inbuilt camera to detect traffic signs.

CAR REMOTE CONTROL
Our project is for building a remote controlled car using Raspberry Pi that consists of GSM connectivity, noise sensor and servo motors. Our goal was to develop an adaptable and dynamic system that allows control from a distance using an Android app, as well as data visualization through Node-Red and Grafana.

DAD JOKES GENERATOR
This is a web application developed using HTML, CSS and JavaScript.It comes with an API that provides for random dad jokes on each call to the API which are displayed in the page.

FOUR-LEVEL GAME IN PYTHON
I successfully created a Python game with four engaging levels that incorporate the time.
random, and matplotlib libraries. Players will be challenged with tasks such as describing an image, identifying country capitals, recalling random numbers, and guessing missing letters in words.

TECHPEOPLE
TechPeople is a blog application on the web made with Astro.js. Astro.js is a server side rendering javascript library used to create very fast web application.

COURSES

CERTIFIED ASSOCIATION EXECUTIVE (CAE) | JUL 2018
CAMBRIDGE ENGLISH

ECDL STANDARD PROFILE | MAY 2018
ECDL ROMANIA

ENTREPRENEUR IN THE SOCIAL ECONOMY | NOV 2021

ERTIFICATE OF PROFESSIONAL SKILLS (SKILLS: I. MANAGEMENT OF WEB SITES, COMPUTER OPERATING SYSTEMS, II. PROVISION OF DATA PROCESSING FACILITIES, INCLUDING SUPPORT SERVICES) | MAY 2020
MOISE NICOARĂ* NATIONAL COLLEGE

LANGUAGE SKILLS CERTIFICATE – ISSUED BY THE "MOISE NICOARĂ" NATIONAL COLLEGE | MAY 2020

WEBPAGECREATIONCERTIFICATE"RESPONSIVEWEBDESIGN" | JAN 2021

JAVA COURSE | JUN 2023
ATELIRER DIGITAL GOOGLE - DIGITAL STACK

JAVA PROGRAMMING BOOTCAMP | DEC 2023
ZERO TO MASTERY

THE COMPLETE WEB DEVELOPER IN 2024 | JAN 2024
ZERO TO MASTERY

COMPLETE REACT DEVELOPER IN 2023 | PRESENT
ZERO TO MASTERY

THE COMPLETE VUE JS COURSE BY CODING REVOLUTION | APR 2024
UDEMY