Daniel Hami

Gender: Male | **Phone number:** (+36) 305099691 (Mobile) | **Email address:** danihami44@gmail.com

ABOUT ME

APPLIED POSITION

Test Automation Engineer

WORK EXPERIENCE

2024 Budapest, Hungary
IT PROCESS DEVELOPER LAPKER ZRT.

Tasks and Responsibilities:
- Mapping, analyzing, and optimizing business processes using the **UiPath** and **Power Automate** automation platforms.
- Developing, testing, and implementing automated solutions across various systems and tools.
- Breaking down processes into transactional elements to ensure optimal robot utilization and efficient operation.
- Creating documentation for development processes, including technical and business descriptions.
- Generating and validating test data for automation processes.
- Writing custom **PowerShell scripts** to automate system tasks and support integrations.
- Developing simple **.VBS scripts** for automating repetitive tasks.
- Writing and maintaining **macros** for automating tasks in Microsoft Office applications.
- Implementing and testing system integrations to ensure smooth business process operations.

Key Implemented Projects and Tasks:
SAP System:
- Recording and processing additional requests.
- **Automated password generation** and unlocking locked users, integrated with the **TopDesk IT Service Management** system.
- Automating document processing and managing email notifications.
- Generating and forwarding **regular reports and notifications** to business decision-makers.

Data Management and Reporting:
- Transforming and structuring data for business reports using **PowerShell and macros**.
- Generating reports and logging data into the **BW system**.

Digital Invoice Management:
- Downloading and forwarding digital invoices to the **NAV (Hungarian Tax Authority) system** using **UiPath and Power Automate**.

Minor Developments:
- Writing **PowerShell scripts** to automate daily administrative tasks (e.g., file management, system log analysis).
- Developing **macros** for analyzing and manipulating Excel data, speeding up business decision-making.
- Creating **.VBS scripts** for simple tasks such as automated file movement and transformation.

Key Achievements:
- Developing **efficient and reliable automation solutions**, significantly reducing administrative workload.
- Ensuring **seamless integration** between multiple systems using **Power Automate, PowerShell, and UiPath**.
- Enhancing **accuracy and transparency** in business processes through automated solutions.
- **Optimizing robotic workflows** by segmenting processes into transactional steps.
- **Minimizing repetitive tasks**, increasing team productivity, and reducing error rates.
- Providing **detailed documentation** during development, facilitating future improvements and better transparency.

2020 – 2021 Komárno, Slovakia
WORDPRESS DEVELOPER 22MEDIA S.R.O.

Tasks and Responsibilities:
- Designing, developing, and maintaining **WordPress-based** websites.
- Creating **custom themes and plugins** tailored to client requirements.
- Optimizing websites for **performance, security, and search engine optimization (SEO).**
- **Implementing integrations with external systems and APIs.**
- **Providing client support and technical assistance** for website operations.

Key Achievements:
- Developed **user-friendly, responsive websites** for business and individual clients, enhancing online presence and customer satisfaction.
- Ensured **website stability and maintenance**, offering continuous support.
- Contributed to **business growth** through successful integrations and performance enhancements.

2018 – 2019 Slovakia
FRONTEND DEVELOPER ELERION S.R.O.

Tasks and Responsibilities:
- Developing and maintaining **user interfaces** for digital webshop projects using the **Laravel framework**.
- Implementing **responsive and user-friendly designs** with **HTML, CSS, and JavaScript** technologies.
- Collaborating closely with the **backend team** to integrate Laravel-based functionalities.
- Developing and optimizing **webshop-specific modules, features, and interactions**.
- Testing and improving **performance and usability** of web applications.

Key Achievements:
- Successfully contributed to **digital webshop development**, supporting online sales realization.
- Created an **efficient user experience** by leveraging frontend technologies.

EDUCATION AND TRAINING

2017 – 2023 Komárno, Slovakia
APPLIED COMPUTER SCIENTIST J. Selye University

Website https://www.ujs.sk/hu/ | **Level in EQF** EQF level 7

PROJECTS

Image-Based Invoice Processing

Project Objective:
The goal of the project is to develop a **web application** that enables users to extract **structured data from image-based invoices**. The system utilizes **OCR technology, artificial intelligence, and modern web technologies** to automate and simplify the process.

Technological Solutions:
- **Frontend:** React – Ensuring a **responsive and user-friendly** interface.
- **Backend:** Django – Managing **business logic, user data, and uploaded files**.
- **Programming Language:** Python – Implementing **OCR and AI-based text analysis**.
- **OCR:** Tesseract OCR – Recognizing text information from **image-based invoices**.
- **Artificial Intelligence:** OpenAI ChatGPT 3.5 – **Analyzing and interpreting extracted text** from invoices.

Features:

User Authentication:
- Users can **register** and **log in securely** to the system.

Image Upload:
- Users can **upload invoice images** for further processing.

Data Extraction Request:
- Users specify which data they need from the invoice (e.g., **issuer's name, item list, item categories**).

Data Extraction Process:
1. **OCR technology** recognizes text from the invoice.
2. The system sends the recognized text to **OpenAI ChatGPT 3.5** for analysis and structuring based on the user's request.

Displaying Results:
- The system **presents extracted data** in a structured format, such as:
  - **Invoice issuer's name**
  - **List of items**
  - **Item categories** (e.g., service or product)

Operational Workflow:
1. The user **logs into** the system.
2. The user **uploads an invoice image**.
3. The user specifies the **data fields** to be extracted.
4. The uploaded image is **converted into text using OCR**.
5. **OpenAI ChatGPT 3.5 analyzes** the extracted text and structures it according to the user's needs.
6. The system returns the extracted data, which is displayed in **a structured format** on the screen.

Project Outcomes:
- A **fast and user-friendly web application** that accelerates and simplifies invoice data extraction.

- **Successful integration of AI and OCR technologies** to support real-world business processes.
- A **user-friendly interface** that reduces **administrative workload** and ensures **accurate data processing**.

LANGUAGE SKILLS

Mother tongue(s): **HUNGARIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
SLOVAK	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Python | React | Redux | JavaScript | UiPath | Microsoft Power Automate | NoSql | UiPath RPA Developer