Bîtca Nichita

Date of birth: 21/08/2003

Place of birth: Chisinau, Moldova

Nationality: Moldovan

Gender: Male

CONTACT

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ABOUT ME

I'm currently studying Information Management at UTM University, diving deep into programming languages and tech. My experience includes:

4 years in full-stack developing (Nextjs + nodejs for backend)
Advanced knowledge in database management, specifically in PostgreSQL and MySQL, which includes fluency in complex query languages and database optimization techniques.
Creating warehouses and on-top ML models for realtime data-analyses
2 years of Python programming, during which I have developed various utilities, including data parsers, analysis tools, and data fetching scripts.
Proficiency in low-code platforms like Zapier/n8n for workflow automation

WORK EXPERIENCE

01/05/2023 – 01/02/2024 Chisinau, Moldova

Data scientist Smart Energy Solutions

In my recent role, I specialized in data analysis and CRM system optimization for my organization. Key responsibilities included:
1. Implementing automation enhancements within our existing systems to improve employee efficiency.
2. Developing a Python-based parser, available for review on my GitHub repository, which streamlined the processing of large volumes of daily emails utilizing ChatGPT-4 technology.
3. Architecting and deploying a platform using React and a Node.js server (entirely in TypeScript), designed to manage and store all parsed data effectively.
4. Establishing database infrastructure to maintain information, logs, and data pertinent to our platform.
5. Creating three Python-based Telegram bots, which have become main help in daily needs. These bots allow employees to submit product requests, triggering immediate notifications to managers.
6. Integrating Zapier into our operational workflow, which has reduced time spent on routine tasks, such as the automatic generation of certificates for international expositions.
7. Incorporation of GPT-4 across the organization, guiding staff in the creation of effective prompts to leverage ChatGPT for time-saving and enhanced responses.
8. Streamlining routine workflows, improving efficiency in data management, including the optimization of Excel spreadsheets and introducing alternate solutions for better productivity.

These initiatives have collectively enhanced operational efficiency, reduced manual effort, and improved data handling and analysis within the company.

08/02/2024 – CURRENT Chisinau, Moldova

Software engineer Nowtec Solutions M

1. Managing and creating new pages for the CRM app.
2. Migrating the CRM app from Next.js 13 with Ant Design to Next.js 14 with ShadCN UI.
3. Building microservices with workers and queue processors (BullMQ).
4. Managing Terraform configurations and GitHub Actions workflows for CI/CD.
5. Designing and managing N8N workflows for business process automation.
6. Creating and managing apps that automate the creation of client instances.
7. Overseeing AWS services, including SNS and SES.
8. Migrating from AWS instances to Infomaniak instances using Terraform.

EDUCATION AND TRAINING

01/09/2022 – CURRENT Chișinău, Moldova

Higher Education Universitatea Tehnica a Moldovei

Address Strada Studenților 7, 2048, Chișinău, Moldova │ **Website** https://utm.md/ru/

01/09/2009 – 31/05/2022 Chișinău, Moldova

Secondary School Liceul Nicolae Milescu Spătaru

Address Florilor 14/3, MD-2000, Chișinău, Moldova │ **Website** http://nmspataru.com/ru/

LANGUAGE SKILLS

MOTHER TONGUE(S): Russian

Other language(s):

Romanian

Listening B2
Spoken production B1
Reading B2
Spoken interaction B1
Writing B1

English

Listening B2
Spoken production B2
Reading B2
Spoken interaction B2
Writing B1

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

DIGITAL SKILLS

PROGRAMMING
GIT │ Docker/Docker-compose │ Python programming │ LowCode │ AI
FRONTEND
HTML / CSS / JavaScript │ React TypeScript │ NextJS │ Tailwind CSS
BACKEND
Javascript(Nodejs, ExpressJs) │ Linux (Server)
DATABASES
SQL/(MySQL) │ Postgres RDBMS

HOBBIES AND INTERESTS

Sport,gaming,hardware

My main passion is to play with hardware thing. Such as create a script on arduino which will automaticly put your teapot ON at 9.00 pm. Or create your own server on Linux using old pc.
In free time i like to play pool, some video games and for sure sport is also my big passion.Jogging and horizontal bars are my best friends

CREATIVE WORKS

24/11/2023 – 26/11/2023

Hackaton Winner

Hackaton on theme Humman traficking and machine learning
    1. I led a team of freshmen who had no experience in machine learning.
    2. We created a machine that could predict whether there would be family violence or not (using Python).

3. We developed a web platform that displayed all necessary information and some additional features according to the task.
4. Our machine could predict with 78% accuracy on our dataset and random cases.
5. Our presentation was the best among all participants (who were 3-4 years into their programs).
6. Our machine outperformed all participants, securing us the first place.

Link https://github.com/scott1C/hackaton-wlm-site