Georgi Lukanov

Python Developer

Dedicated Full-Stack Developer with a strong foundation in full-stack development. Committed to continuous learning and applying new skills to create innovative solutions. Experienced in developing web applications and solving complex problems. *Free time: Diving, motorcycling, traveling, reading.*

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SOFT SKILLS

Problem-Solving Critical Thinking Adaptability

Teamwork Communication Attention to detail

SKILLS

Python Django OOP & SOLID

JavaScript HTML CSS React

Postgres GitHub Docker

Linux CD/CI SQL

WORK EXPERIENCE

Portfolio - Personal CV Website

- Deployment Link | GitHub Code
- Used technologies: Django, JavaScript, HTML, CSS.

Python Backend Developer | Construction industry (06/2024 - Present)

- The project contains SSR and API parts for managing chemical toilets. Creating schedules, issues, managing clients, and cleaning. A team of 7 people is working on the project.
- Developing Issue API. Celery for asynchronous operations ■ Developing dashboard for managing the processes ■ Integrating Google maps ■ Integrating Redis for caching ■ Communicating with third-party APIs for fetching data.
- Used technologies: Django, Django REST, Celery, Redis, JWT, PostgreSQL, JavaScript, Docker, Github Actions, CD/CI.

Analyze That Car (04/2024 - Present)

- Deployment Link | GitHub Code
- Car Analysis and Recommendation System.
- The project aims to analyze a dataset of cars, group them into meaningful clusters, and then provide recommendations for the best cars within a specific cluster based on multiple criteria. This system could be useful for car dealerships or consumers looking for specific types of vehicles that best match their preferences.
- The project consists of two main components:
- **KMeans Clustering Algorithm** - Performs data preprocessing and clustering on a car dataset. Uses the KMeans algorithm to group cars into 2-6 clusters based on features like year, price, kilometers driven, engine capacity, and horsepower. Implements the elbow method to determine the optimal number of clusters. Visualizes the clustering results using PCA for dimensionality reduction.
- **TOPSIS Method** - Implements the Technique for Order of Preference by Similarity to the Ideal Solution (TOPSIS) for car recommendation. Reads the clustered car data from KMeans Clustering Algorithm. Applies the TOPSIS method to rank cars based on multiple criteria: year, selling price, kilometers driven, engine cc, and capacity(seats).
- Used technologies: Pandas, Numpy, Matplotlib, Streamlit.

MotoMania-React (11/2023 - Present)

- Deployment Link | GitHub Code
- Selling platform. This Single Page Application (SPA) is a comprehensive platform designed for selling motorcycles. Users can explore a diverse range of motorcycles, access detailed information about each model, and manage their collection effortlessly. Using React and Node.js server for BE.
- Used technologies: Vite, HTML, CSS, Toastify, APIs.

CERTIFICATES

Diplomas - Python Full-Stack Developer (02/2021 - 04/2024)

Link to: Full-Stack Diploma | Web Dev Diploma

Strypes Lab Python Advanced 2024

Link to certificate. *Python Statistics, Numpy, Pandas, Matplotlib, Series and DataFrames, Reading Data – CSV, JSON, SQL. Algorithms. Modify/filter applying on images using numpy arrays. Weighted methods decisions – Topsis. Deep text analyzing.*

Software Engineering and DevOps - February 2024

Link to certificate. *Software Development Lifecycle, Requirements Analysis, Software Architecture and Design, Software Construction: Coding, Debugging, Integration, QA and Software Testing: Manual and Automated, Deployment and Maintenance. DevOps lifecycle phases: continuous everything, Infrastructure as code, CI/CD pipelines overview. Git Branching and Pull Requests. Building a CI/CD pipeline with GitHub Actions. Development Environments: local, QA, production, Continuous Delivery and Continuous Deployment.*

Containers and Cloud - 2024

Link to certificate. *Linux Shell – Operating systems, Linux OS, Environment variables in Linux, SSH. Containers and Docker – Containerization, Docker, Docker CLI commands, File system and volumes. Docker Compose – Dockerfile, Container networking, Orchestration, Docker Compose orchestration tool. Infrastructure as code. Terraform. App Monitoring Tools – Prometheus, Grafana, Alert Manager.*

ReactJs - October 2023

Link to certificate. *JSX-Syntax, Composition, Props, State, Handling DOM Events, Conditional Rendering, Components, Lists & Keys, Component Lifecycle, HOC, CSS Modules, Forms, Controlled/Uncontrolled forms, Validation, Virtual DOM, React Router, React Lazy and Suspense, Routing, React Hooks, Context API, Error Boundaries, Unit Testing with JEST and Enzyme, Advanced Techniques.*

WORK EXPERIENCE

Spearfishing4Life (06/2023 – Present)
- [Deployment Link](#) | [GitHub Code](#)
- "Spearfishing4Life" is a personal project that I developed from scratch. Using Django Framework and pure HTML, CSS and JavaScript. The app contains outer APIs(maps and weather) and unit tests. Full responsive and user-friendly interface.
- Used technologies: Django, HTML, CSS, JavaScript, PostgreSQL, Folium, Geocoder, Open-Weather(API), Django-embed-videos.

Trader / Services and purchase (02/2018 – 01/2022)
- **GSL-autonomo**
- *Valencia, Spain*
- *Owner of a small service-related company and buying and selling. Great experience working with clients. Manage and train employees.*

Trader / Services and purchase (05/2009 – 12/2017)
- **G-keys**
- *Varna, Bulgaria*
- *Owner of a small service-related company and buying and selling. Great experience working with clients.*

LANGUAGES

Bulgarian
Native or Bilingual Proficiency

English
Full Professional Proficiency

Spanish
Full Professional Proficiency

CERTIFICATES

Python Web Framework – May 2023
[Link to certificate](#). *Class-based views, Authentication and Authorization, User and Password Management, Common Web Tools for Dynamic Websites, Unit and Integration Testing, Deployment, Hosting and Monitoring, Django REST Framework, Exception Handling, Asynchronous tasks with Django.*

Python Web Basics May 2023
[Link to certificate](#). *Internet and HTTP, PostgreSQL Introduction, Django Introduction, URLs and Views, Django Templates, Models in Django, Django Forms.*

JS Front-End February 2023
[Link to certificate](#). *JS Syntax Fundamentals, Functions and Statements, Objects and Classes, DOM and Events, HTTP and REST.*

HTML & CSS January 2023
[Link to certificate](#). *HTML Structure, CSS & Typography, CSS Box Model, Position & Grid, Flexbox, Media Queries.*

Python OOP October 2022
[Link to certificate](#). *Classes and Objects, Inheritance, Encapsulation, Static and Class Methods, Polymorphism and Abstraction, SOLID, Iterators and Generators, Decorators, Testing, and Design Patterns.*

Python Advanced September 2022
[Link to certificate](#). *Lists as Stacks and Queues, Tuples and Sets, Multidimensional Lists, Functions Advanced, Error Handling, File Handling, Modules.*