

Stefan Shipinkoski

Python Developer | AI Engineer

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Skills

- **Python** | **Flask** | **Unit testing** | **Selenium** | **Beautiful Soup** | **SQL** | **CSS** | **HTML** | **API** | **Git** | **Docker**
- **ML** | **DL** | **Gen AI** | **Pandas** | **NumPy** | **Matplotlib** | **SciKit Learn** | **Keras** | **TF** | **PyTorch** | **LLM** | **Azure** | **AWS**
- **Communication** | **Problem Solving** | **Team Work** | **Creativity** | **Fast Learning** | **High Responsibility** | **Persistence**

Experience

Data Engineer

[:IWConnect](#)**07/2023 - Present**

- Leveraging Cloud based platforms (AWS/Azure) and on-prem solutions for tasks like training, deploying and fine-tuning models. I work extensively with Python, ML, DL, Gen AI, LLM's, and frameworks including Langchain TensorFlow, Pytorch, and Scikit Learn. My role involves transforming complex unstructured data into actionable insights harnessing cutting-edge technologies for driving innovation, and creating POCs to present to stakeholders.

Intern

[Aidea Lab](#)**06/2021 - 09/2021**

- Working on tasks for real-life projects and learning the craft of AI from competent people, whose working experience exceeds 10 years in given sphere. It made a great contribution to my self-development.

Intern

[SN Insurance Broker](#)**06/2018 – 09/2018**

- Interned in IT department, provided technical support for staff, created and configured WordPress websites and plugins.

Projects

ML Engineer

Water Quality Classification**09/2023 – Current**

- Developing a model that can accurately classify the water quality index into three categories: Low, Medium, and High. To achieve this, using supervised **Machine Learning** techniques: **Decision Tree**, **Support Vector Machine (SVM)**, and **K-Nearest Neighbor (KNN)**.

Web Developer

[Portfolio Website](#)**10/2022 – 02/2023**

- Developed my own personal portfolio website, using the latest technologies of **Python**, **Flask**, **HTML**, **CSS**, and **JavaScript**, where I can showcase my current skills, interests and projects.

Web Scraping

[Hacker News Scraper](#)**11/2022 – 12/2022**

- Developed a web scraper to scrape the pages of [Hacker News](#) website for the new posts with a score of 100 or more, and subsequently save them to a .txt file, that include post's hyperlink, title, and total score using **Python** and **Beautiful Soup**.

Software Developer

[Password Checker](#)**11/2022 – 12/2022**

- Designed and developed personal password verification tool in **Python**, which utilized the [haveibeenpwned API](#) to determine if any of my passwords had been disclosed online.

Education

Bachelor of Science

[University "St Kliment Ohridski"](#)*Macedonia***09/ 2018 – 03/2023**

- Major in Computer Science and Communication Engineering

CERTIFICATES:

- [AI-900: Microsoft Azure AI Fundamentals](#) – Microsoft Certified.

Languages: Macedonian (native), English (advanced).