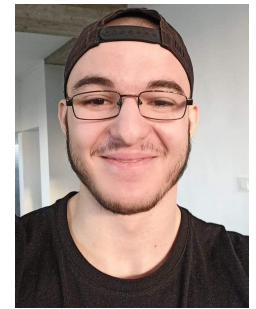


FABIAN-MARIAN FULGA | RESUME



- » **Professional Summary:** BSc. Computer Science, Cloud Engineer, Teacher Assistant
- » **Fields:** Cloud, Software Development, Automation
- » **Tech:** Golang, Python, Bash, Kubernetes
- » **Loves:** Programming, GitHub, Sci-Fi series, Video-games and Martial Arts

»»» Experience

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| 2023-present | Teacher Assistant | University Politehnica of Timisoara |
| <ul style="list-style-type: none">» Taught Programming and Databases to 1st-year students in a laboratory setting.» Taught Cryptography and Computer Security to 2nd-year students in a laboratory setting. | | |
| 2021 - present | Kubernetes Contributor | Kubernetes Community |
| <ul style="list-style-type: none">» Wrote the guide for Adding a Windows Node to a Kubernetes Cluster» Added e2e tests for the Node Log Query feature» Added Windows support for the In-Place Pod Vertical Scalling feature)» Important contribution to moving support for Windows Host-Process Calico CNI from SIG-Windows to Calico CNI | | |
| 2021 - present | Cloud Enginner | Cloudbase Solutions |
| <ul style="list-style-type: none">» Assisted in deploying MAAS with Openstack and Microk8s» Worked mostly with Kubernetes, starting from deployments to configuring and managing clusters, but also open-source development to Kubernetes» Contributed open-source to GARM (GitHub Action Runner Manager) and its providers, which is an open-source GitHub Action Runner Manager, written in Golang» Contributed to different Juju charms such as Trove Charm, Nova Cloud Controller, Magnum, Heat. | | |

»»» Education

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|
| 2023-present | M.Sc. Machine Learning | University Politehnica of Timisoara |
| <ul style="list-style-type: none">» Writing my Master's thesis on Lung Cancer Detection using Artificial Intelligence and Fractal Dimension» Working on an article to create a benchmark for drug repurposing algorithms. | | |
| 2023-present | Bachelor's Project - HelpBreath | University Politehnica of Timisoara |
| <ul style="list-style-type: none">» Collaborated on the development of an application to assist clinics and doctors in managing lung cancer. Co-developed the software using Python and the MERN stack.» Created a Python application to generate 3D visualizations of lung nodules and track their evolution over time. | | |
| 2019-2023 | Bachelor of Computer Science | University Politehnica of Timisoara |
| <ul style="list-style-type: none">» Specialized in software development, data structures, algorithms, and artificial intelligence.» Developed various applications, enhancing skills in Java, web development, Python, C, and x86 Assembly. Examples of my work can be found on my personal GitHub. | | |