

Data & System Engineer

Televic is rapidly growing and we are looking for bright minds to build the exciting future of reliable communication!



- ✓ Passionate about **digital projects**?
- ✓ Fascinated by **new technologies**?
- ✓ Interested to work for an **international organization** that is gearing up for **significant expansion**?

Apply Now!

Please send your resume and motivational letter to: Antoaneta Krasteva
a.krasteva@televic.com

The Big Picture

Televic Conference develops, manufactures and markets conferencing solutions to high-profile customers worldwide (e.g. United Nations, European Parliament, French Senate). As hardware engineer at Televic Conference you are responsible for designing and developing the next generation conference systems.

You will support us driving digital transformation across the organization and by exploring new technology and digital solutions.

Working as a Data and System Engineer

- ✓ Develop and contribute to various digital projects, including AI chatbots, web services, dashboarding, and data engineering.
- ✓ Provide IT support (both hardware and software) for approximately 25% of your time.
- ✓ Collaborate closely with the COO, Head of IT, business analysts, and end users to enhance and optimize our digital landscape.

- ✓ Stay ahead of emerging technologies and trends, identifying opportunities to create business value.
- ✓ Share your ideas and contribute to innovative solutions that improve efficiency and decision-making.

About you

- ✓ You have a bachelor's degree in Computer Science, Software Engineering, or a related field. A Master's degree or higher is a plus.
- ✓ You have Python proficiency, security-aware coding mindset, and hands-on experience with Linux-based systems
- ✓ You have strong analytical skills and a curious mindset to explore new digital trends
- ✓ You value teamwork, communication and you are a great problem solver
- ✓ You speak English

What's in it for you?

- ✓ The chance to work on state-of-the-art products in a market that represents sustainability;
- ✓ A full time contract (38 hour week) at a company that has international success, but remains solidly rooted in Belgium as it keeps on growing;
- ✓ An attractive salary, supplemented with other legal benefits;
- ✓ An environment driven by teamwork and the constant will to innovate;
- ✓ The chance to deliver quality, because that's what we stand for;
- ✓ A stimulating, no-nonsense mentality, with an eye for your unique talents and growth.

Challenge:

Create a minimal **Flask API** in Python that computes the **n-th prime number** at endpoint `GET /prime/<int:n>` and returns a JSON response:

```
{
  "n": <integer>,
  "nth_prime": <n-th_prime_value>
}
```

If $n < 1$, respond with a **400** (JSON error).

Project Expectations:

1. Organize your code in a concise, logical structure.
2. Follow best security coding and software engineering practices appropriate for a **production** environment.
3. Provide a **public GitHub repo** in your CV, containing the solution code, **requirements** file, and a short **README**.

Additional Questions:

Question #1: If this Flask API needed **extra security headers** or **cross-origin** access from a React frontend, what additional library or middleware might you consider, and why?

Question #2: For a **React** UI under a **strict Content Security Policy (CSP)**, which frontend styling library would you prefer—**Chakra UI**, **Tailwind CSS** or **Material UI**—and **why**?

Goal:

We want to see how you organize a small Flask project, how you handle errors/tests, and how you think about security & frontend library choices (without actually implementing CSP or adding security libraries; just mention them in the README or inline comments). Remember to use the KISS (Keep It Simple, Stupid) principle in your design process.

Estimated Time: ~2 hours.

Good luck!