WANTED! Sixth Pythonist - web developer for our growing team

I bet you've been there... Preparing several projects for a couple of years just for them to culminate all at once. That is the current situation in Big Dig Data. In other words, we know exactly what we are going to work on the next three to five years. And we also know there is not enough of us.

How many Big Diggers are there?

Five and a half. Béda, Štěpán, Zbyněk, Baptiste and Mila are our developers. Hopefully, you will become the sixth one. Me and a couple more of my colleagues are taking care of business development.
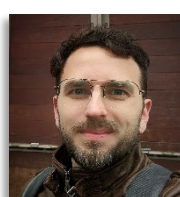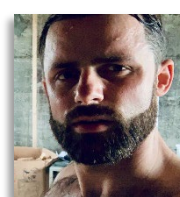
That's all. For now.

Béda
LinkedIn

Štěpán
GitHub

Míla
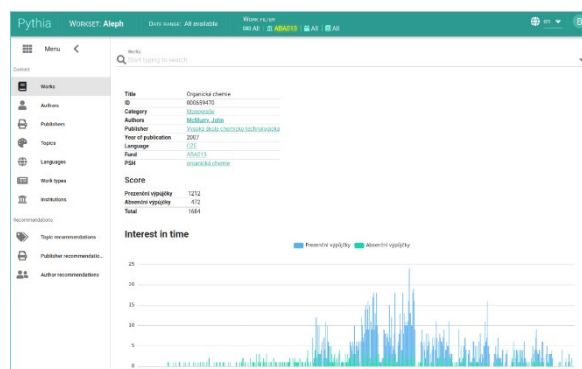LinkedIn

Baptiste
LinkedIn

Zbyněk
LinkedIn

You?

What are we working on?

Our most cared for babies are two SaaS tools for statistical analysis and data visualisation of data for academic and public libraries from all over the world, CELUS and PYTHIA.

https://www.celus.net/   https://www.bigdigdata.com/pythia/

We started with CELUS and PYTHIA four years ago, and by now we are at least as far as our competitors, who work on similar solutions for five to ten years.

CELUS is currently being used by hundreds of libraires on four continents, and I think that the following e-mail from one of our customers paints the perfect story:

From: **Rachel Erb** <Rerb@flvc.org>
Date: Tue, Mar 9, 2021, 17:56
Subject: FW: CELUS Price Quote: FLVC Fiscal Year 2022
To: Beda @ BigDigData <beda@bigdigdata.com>
Cc: Tomas @ BigDigData <tomas@bigdigdata.com>, Elijah Scott <EScott@flvc.org>, Anthony Perryman <APerryman@flvc.org>, Lisa Tatum <LTatum@flvc.org>

Hi Beda, thank you for your prompt response.
We are pleased with the software and the high level of support you all have provided us. I know I have been asking a lot of questions lately and you all provide excellent solutions in a very timely manner.

You both have a great week and we will be in touch soon. Best, Rachel

Rachel A. Erb
Director of E-Resources

FL VC *FLORIDA VIRTUAL CAMPUS*

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W: libraries.flvc.org

Our mission

We dedicate our time mostly to the following two areas that, in our eyes, make sense and have a great potential:

- **IT tools for fast e-resources purchasing**
  All over the world, libraries provide fantastic services and astonishing amount of information to students, scientists and even ordinary mortals. To make the information provided by libraries even better, and to give readers exactly what they want and need, we are giving libraries the tools to make smart purchases of information resources.
  Here we work with large volumes of data, playing with its visualization, processing, interpretation and overall "humanization". In the future, we want to incorporate more machine learning.

- **Automation of systematic reviews**
  We're just getting started. However, we are on a good path thanks to our many years of experience in professional literature and patent searches. And we know that automation of searches is highly desirable and will be a huge benefit to further scientific progress and technical development. We know this because we work for leading European expert agencies such as EFSA, JRC or ECHA. And they all see it clearly - within 5-10 years, expert searches need to be automated. We want to be pioneers in this field and we hope you will help us.
  It's probably pretty clear that it's a lot about text processing and structured data here, and if we want to automate anything, we're going to need more and more machine learning and maybe even AI. But we also need to wrap it all up for the user and give it an understandable user interface.

What to expect?

If you are still reading, it must be pretty clear already. But we will gladly introduce our plans and how you can contribute during an interview.

Should you apply?

Absolutely, if you have experience with the technologies we build our solutions on. Which ones are they?

We use **Django** + Django REST Framework on the backend, **Postgres** as the database and **Vue** + Vuetify on the frontend. We host projects in **GitLab** using their CI for testing and building. We deploy using **Ansible**, and maintain via Nagios + **Prometheus** with Grafana.

You don't need to know everything, of course, but we definitely need a **perfect** knowledge of **Python/Django** and **JS/Vue**. If you're friends with machine learning, that's a big bonus.

What you can count on

✓ Maximum support and openness from your colleagues – we are used to being supportive and helping each other out.

✓ **Zero corporate bullsh*t.** There's just a few of us, so why pretend something? We're just trying to do the best job we can together with a minimum of stress and extra work.

✓ **Unlimited home office.** Sometimes it is better to meet in the office and discuss things directly in person. But most of the time its not necessarry. It is up to you if you work in our office, at home, or on a yacht… whatever floats your boat.

✓ **Absolute freedom of work schedule** - everyone is free to choose when they work and when they do other things, when they are in the office and when they work from home. In short, everyone can arrange their work activities as they see fit. Related to this...

✓ **Unlimited holidays**. Of course, we expect you to work. Fully. We're working, too. But whether fully for you means you want to take five weeks off a year, six, seven, eight, or more, we leave that up to you. You know best how to make sure you're effective and get the best out of yourself.

✓ Work on interesting projects (CELUS, Pythia, AI (searches automation))

✓ We have work (and, of course, finances) secured for several years in advance, which gives us a great deal of flexibility and, above all, we don't have any ridiculous or harsh deadlines. No stress.

✓ **Unlimited space for your own invention and ideas** - in Big Dig Data, every idea is welcome and everyone has the space to unleash their own creativity and imagination. How else could we come up with such a fresh company name?

✓ **Family environment in our offices**, which are an oasis even in difficult times of pandemic (we have our own tap with draught Pilsner and Prosecco, ping-pong table, occasional sitting by the fireplace, chateau garden with a tennis court and a place for barbecue, lunch on a porcelain plate). See for yourself, we made a short video tour for you.

Virtual tour of the BIG DIG Data offices

Evaluation

✓ Tell us your salary expectations, we are looking for a super-experienced programmer and we are ready to pay adequately.

✓ Other benefits as agreed - pension/life insurance, meal allowance, we pay for any training or education, of course regular (and unexpected) company events (mountains in winter, canoying in summer, sometimes sailing, in short, whatever comes to mind). We don't have the classic "corporate" benefits like multisport or cafeteria benefits, but we could probably do them too, if that is what you want.

We are looking forward to meeting you!

 Tomáš & co.

Tomáš

tomas@bigdigdata.com

+420 724 432 076