

SERHII FROLOV

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I am a programmer with 10+ years of experience in developing and maintaining web applications. I'm proficient in Python. If you have something written in it, there is a good chance I'll be able to help you. Additionally, I have experience in training and integrating AI into the existing business logic.

EXPERIENCE

HIM Solutions Inc

Full Stack Engineer

Lviv, Remote

Apr 2015 – Present day

- Integrated AI model predictions into workflow, trained fine-tunes for solving specific tasks.
- Wrote two-dimensional regexp engine for parsing PDFs.
- Implemented and maintained scraper fleet on top of Celery queue.
- Invented a fake ORM for improving DB consistency for a lot of error-prone legacy code, without ever touching it.
- Migrated the whole codebase from Python2 to Python3.
- Implemented automated application deployment and service tasks first for VPS/VDS, later for AWS.

Aparat Technologies

Full Stack Engineer

Crimea, Remote

Jun 2013 – Feb 2015

- Participated in a variety of projects with different levels of involvement.
- Implemented automated application deployment and service.
- Debugged tricky legacy codebase and subsequently migrated business logic on top of modern codebase.
- Implemented continuous integration with Jenkins.
- Documented existing code and created standalone documentation.
- Wrote a lot of supporting tools for projects I worked with.

LnkWeb

Full Stack Engineer

Crimea, Remote

Oct 2012 – Apr 2013

- Participated as a developer in two startups.
- Pushed for transition to class-based MVC code for better maintainability, which was very much a new thing at the time.
- Overhauled existing time-tracking code taking time zones into account.

Self-Employment

On-site technical support and troubleshooting

Crimea, Ukraine

Jan 2011 – Dec 2012

- Worked as a freelance on-site problem-solving engineer.
- Wrote custom tools in order to revive client's accounting software DB (DBaseIII-based).

Taurida National University

System Administrator

Crimea, Ukraine

Jan 2009 – Jun 2011

- Managed university's network of Ubuntu machines with FreeBSD transparent proxy server.

SKILLS

- **Machine Languages:** Python, TypeScript, JavaScript, SQL, HTML, CSS, Bash, C
- **Natural Languages:** English: Fluent | Ukrainian: Native | Russian: Native | Polish: Basic
- **Frameworks:** Django, REST, Next.js, Turbogears, Selenium, Celery, Bootstrap, Tailwind
- **Databases:** PostgreSQL, MySQL, MariaDB, Redis, SQLite
- **Environments:** AWS, VPS, VDS, Linux, Docker
- **Developer Tools:** Git, Mercurial, SVN, Emacs, virtualenv, Bitbucket CI, Github Actions, Jenkins
- **Libraries:** BeautifulSoup, React, jQuery, Matplotlib, Tensorflow, NumPy

EDUCATION

Taurida National University

Bachelor in Information Management

Crimea, Ukraine

Jul 2011 – Jul 2010

Taurida National University

Specialist in Information Management

Crimea, Ukraine

Jul 2010 – Jul 2006

LEGAL

- I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).
- I also consent to processing of my personal data for the purposes of any future recruitment processes.