

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 | Polish: Basic | Ukrainian: Native
- **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

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