Krzysztof Kasprzyk

Software Developer
Robotics Engineer

5.03.1993

Poland

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About me

Software developer interested in all things technical. I love to automate things and watching the task do itself.

Skills/keywords

- Python
- Django
- Django-REST Framework
- Docker
- Docker-Compose
- AWS
- TDD
- Opencv
- Robotics
- 3D design
- Automation
- Teamwork
- Communication
- Fluent English - CAE certified

Notable projects

Software development

- Recipe App Api - backend only project using Django-REST API, Docker, Docker-Compose, PostgreSQL, Travis CI. Built entirely on principles of Test Driven Development.

- Image Hosting Service App Api - backend only project using Django-REST API, Docker, Docker-Compose, PostgreSQL. Also features Unit tests.

- Profiles App Api - backend only project using Django-REST API, Vagrant, Django.

- My portfolio site built from scratch with Django and S3 buckets.

- Robot vision detection project with Opencv2 - WIP.

- Face tracking drone with Opencv2.

For more information on my software projects please have a look at my portfolio site: www.rsk-code.pl or visit my repositories: www.github.com/rskrobotics

Robotics and automation

Car brands and models that robots I programmed manufacture: Porsche Taycan, Lamborghini Urus, Audi Q3, Audi E-TRON, Jaguar Land-Rover (various). Processes: sealing, welding, sanding, handling.

Robot manufacturer's I've worked on: ABB, FANUC, KUKA

Other: Cable assembly, various smaller PLC HMI projects ranging from drilling system to sewer drainage. Also built FANUC welding statiom from scratch. That includes design, welding, CAD + MES computations and assembly, connection to robotized welding source.

Website documenting my projects: rskrobotics.pl

Process engineering

It has been my responsibility to set the process parameters for welding, sealing, and powder painting. Knowledge of processes is essential in being able to achieve the desired result in automation.

Employment history

10.2019- present	Self Employed
	Software development, robotics engineering, process engineering, industrial automation.
10.2017- 10.2019	Robotics Engineer in Simtech Automatyka Przemysłowa
	Robotics software developer/engineer

Education

2012 - 2017	M. Eng. of Mechatronics	AGH Cracow
	Multi field study with emphasis on robotics and software	

Other information

Why I'd make a great addition to your team

I don't consider flexibility and adaptability as catchphrases. Having worked in numerous vastly different projects requires the ability to learn on the fly. If you need someone to take care of thing not yet implemented I'm your best bet.

Interests

New technologies, future advancement, automation, motorcycling, gaming.