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## Summary

*A geek with great social skills. Tech & IT Consultant. CTO.*

No matter the technology stack, the product will be continuously measured and inevitably improved. I have plenty experience tackling infrastructure hurdles, communication barriers, unattainable v2 and products stuck in development hell.

I build productive and involved teams. Processes that make it easy for everyone to easily understand

what's happened, what's happening and how they can influence what's going to happen. My teams and departments are pleasant to work in and with. Even teams on the brink of collapse can be turned into highly motivated employees who are passionate about your product and your company.

Transparency, trust and empowerment break down silos and help to focus on business goals rather than second-guessing and fighting bureaucracy.

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## Experience

### Umschool

[umshcool.net](https://umshcool.net)

#### Tech Consultant / Chief Technology Officer

*Apr '23 – Feb '24*

While the company had grown to thousands of employees, the Tech department was still behaving like a small outsourcing company it once was. **Results:** First ever strategy for the Tech department, better notion of product ownership, transparent roadmap, entirely new & loved interfaces for the business. By replacing only 1/5 of the existing team and global reorganization, I've turned the department into a flourishing garden & extinguished a toxic environment.

### EX.CORP

[excorp.gg](https://excorp.gg)

#### Chief Technology Officer

*Feb '22 – Nov '22*

Got into the role when almost whole core development team left. Trained & hired dozens of excellent engineers and leaders. Built multiple cross-functional and core technology teams. **Results:** Formed incident response group to mitigate problems in minutes instead of hours. Successfully launched a new product that was postponed and stuck in development hell for 7 Month before me.

#### Platform Owner

*Apr '21 – Feb '22*

Built a platform team and an internal platform for developers to massively improve Developer Experience. It included facilitating a k8s migration, implementing Continuous Delivery with every team. **Results:** happier developers, 20x faster deployments, 3x shorter Mean Time to Recover & x10 longer Mean Time to Failure.

### Ocado Technologies

HATFIELD, UK

#### Platform Engineer

*Oct '19 – Sep '20*

A cog in the machine desperately trying to influence the bigger picture. I've led an internal effort to move GitLab's project configuration management to an "as Code" solution. Integrated the documentation into the Software Development Life Cycle and streamlined the onboarding process for new team members. Worked closely with the QA department to ensure that k8s clusters we deploy and maintain are compliant.

### Industrial Systems for Streaming Data Processing

[spbpu.com/en](https://spbpu.com/en)

#### Team Lead

*Jun '16 – Oct '19*

This is where I've grown the most as an engineer. Lead up to 5 unrelated projects at the same time. All of them in different areas and from pre-sales communication with customers to the launch and maintenance.

Managed 3 Development teams & a DevOps team. Delivered an MVP for a Rust Linux kernel module for a custom in-memory DB & transport layer network protocol — under a month.

A whole bunch of stuff including: LoRa & AWS serverless services for Siemens, Flutter applications, video processing with OpenCV, ML with TensorFlow for Nvidia DGX01 and Jetson

### Research Lab in Peter the Great St.Petersburg Polytechnic University

SAINT-PETERSBURG, RUSSIA

#### Lead Developer

*Jan '14 – Jun '16*

Developed radio signal processing and visualization software in C++ and QT. Set up and maintained Jenkins based CI/CD. Became a Scrum Master. Integrated Doxygen into SDLC.

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*Please refer to [ejiek.id/cv](https://ejiek.id/cv) or [linkedin.com/in/ejiek](https://linkedin.com/in/ejiek) for more details and additional contacts.*

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# Vlad Petrov January 30, 1994

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## Teaching

- Peter the Great St.Petersburg Polytechnic University St.PETERSBURG, RUSSIA  
**Computer Network Technologies** 2020 – 2022  
Taught 4th year students to handle various caveats of modern computer networks. From blind implementation of custom protocols to RFC complaint software. Lectures. Lab work. IaC to make experiences reproducible.
- Peter the Great St.Petersburg Polytechnic University St.PETERSBURG, RUSSIA  
**Software Development Engineering** 2021 – 2022  
A podcast-style discussion with another industry expert in front of students. Processes, workflows, methodologies, tools, and other aspects surrounding the code-writing
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## Education

- Peter the Great St.Petersburg Polytechnic University St.PETERSBURG, RUSSIA  
**Master degree in Computer Science** 2016 – 2018  
Got into functional programming & formal verification. Taught at university for the first time. Developed a monitoring system for TATLIN SAN by YADRO.
- Peter the Great St.Petersburg Polytechnic University St.PETERSBURG, RUSSIA  
**Bachelor degree in Computer Science** 2012 – 2016  
Fell in love with Rust and Open Source / Free as in freedom software. Built my first server. Designed my first PCB. Wrote my first OS in assembly. Used arch btw.
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## Skills

- Technical preferences:** Rust, HTMX, \_hyperscript, NixOS, PostgreSQL, Pulumi, GitLab, K8s
- Tech Stacks I've managed:** Go, Python, TypeScript, Node, React, Vue, AWS, Grafana, MySQL, Mongo, Redis, Kafka, AWS, OpenStack, Yandex Cloud, GitHub, Earthly
- Natural languages:** Russian (*mother tongue*), English (*full professional proficiency*).
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## Interests

- Non-exhaustive and in alphabetical order:** enduro, ergonomics, open source, Rust, software engineering, tasteful UI/UX, travel