

Curriculum Vitae

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Valentyn Faychuk

Software Engineer and
Infrastructure Architect

Summary:

Over the past years I was working as an Architect, TechLead and Developer with several web3 and web2 clients (depin, multimedia, security, fintech and healthcare). I am a co-founder of <https://sofenty.com> and <https://detee.ltd>, and was responsible for the technical aspects and overall business growth.

Overall, with over a decade of experience in software development, I was lucky to work with both microservice and monolithic architectures, functional programming and cloud technologies. My focus in projects is on having the proper balance between the security, performance and best user experience.

Skills:

Languages / Technologies:

- Rust, C/C++, Go
- JS, TypeScript
- Bash, Python
- AWS, GCP, Cloudflare
- MongoDB, Cassandra, PostgreSQL, Redis, Elasticsearch, RocksDB
- Linux, Docker, QEMU
- Prometheus, Grafana, Jaeger
- Kubernetes, Helm

Frameworks / Libraries:

- Tokio, Actix, Axum, Rustls, gRPC, QT, Boost, OpenGL, WASM, etc.
- QEMU, VPP, Intel SGX, AMD SEV-SNP

Tools:

- tmux, vim, valgrind, gdb, iperf, systemctl, kubect1, helm etc.
- GitHub, GitLab, Gitea, Perforce
- Claude Code, Copilot

Abilities:

- Strong discipline
- Fast learning
- Warrior mentality

- Compassion
- Clean work ethics

Experience:	
Project:	DeTEE - Web3 Confidential Cloud (https://detee.ltd) DeTEE is a Web3 startup building a decentralized cloud solution that delivers secure, reliable, and high-performance computation. The company was founded by experienced software engineers with deep expertise in architecting and developing software for both public and private cloud infrastructures.
Role:	Jun 2024 - Aug 2025 (Co-Founder)
Scope:	<ul style="list-style-type: none"> - Legal operations - Financial operations - Hiring and onboarding - Bounty program (for hackers) - Website and media - Documentation - Infrastructure - Onsite promotion
Team:	5 developers, plus designers, lawyers, accountants
Stack:	Rust, Intel SGX, AMD SEV-SNP, LibP2P, Docker, Prometheus, Grafana, Linux, SurrealDB, WireGuard, Nuxt.js, Nuxt UI Pro, GCP
Project:	Sofenty - Software Outsourcing Agency (https://sofenty.com) Sofenty is developing attractive and efficient websites, online shops, enterprise solutions, internal tools, mobile apps, the list goes on. It is your partner in all stages of SDLC that works for the result.
Role:	Oct 2022 - May 2025 (CTO)
Scope:	<ul style="list-style-type: none"> - Architecting and stack planning - Implementing personal development plans - Infrastructure management - Hiring and onboarding - Peer code review - Security audits
Team:	20 developers, plus managers, QA, designers, lawyers, accountants
Stack:	PHP, WordPress, Laravel, Python, Go, PostgreSQL, MySQL, Kubernetes, Bash, Grafana, Redis, Vue, Kotlin, Flutter, AWS, GCP, Stripe, BunnyCDN, RevenueCat, Docker, C#
Project:	Orion - Quantum Secure Web3 Messenger (https://orionmessenger.io) Freedom of speech is the most sensitive topic nowadays. Especially, considering that governments of some countries are already shutting down the encryption. The ethos of this product is super well formulated - we fight for rights of people to freely share content they create and at the same time to be protected from the possible attackers.
Role:	Jun 2022 - 2024 (Solutions Architect)
Scope:	<ul style="list-style-type: none"> - Architecting & designing cloud components - Brainstorming product requirements - Sharing a high-quality culture - Knowledge sharing - Building POCs - Mentoring
Team:	9 developers
Stack:	Rust, Actix, Poem, gRPC, Kubernetes, Helm, Bash, Apache Cassandra, Polka Dot, Ethereum, MongoDB, PostgresDB, Redis, Python, React.js

Project:	SFCN - Data Plane for Public Cloud (https://cisco.com) As the industry moves towards Infrastructure as Code and the throughput requirements increase beyond what can be provided by the existing solutions, providing a horizontally scalable alternative becomes critical to answer these new demanding requirements. The solution gives its customers access to latest advances in the security domain in a convenient pay as you go format.
Role:	Dec 2020 - Jun 2022 (Tech Lead)
Scope:	<ul style="list-style-type: none"> - Architecting & designing modules - Negotiating requirements - Knowledge sharing - Developing - Mentoring
Team:	6 developers
Stack:	C, Rust, Kubernetes, Go, Bash, XP, AWS, Vector Packet Processing, Networking
Languages:	<ul style="list-style-type: none"> - Ukrainian Native - English C2 - Russian C2 - Romanian B2
Education:	Master's honors degree in Systems Administration Institute of Telecommunications, Radio electronics and Electronic Engineering Lviv Polytechnic National University 2019 - 2020 <hr/> Bachelor's honors degree in Telecommunications Institute of Telecommunications, Radio electronics and Electronic Engineering Lviv Polytechnic National University 2015 - 2019
Hobbies:	I enjoy reading books, particularly philosophical and self-development literature, and regularly write articles myself; most relaxing rituals for me are painting and singing; besides that, I'm a passionate city walker and get easily excited when I meet new cultures.