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EXPERIENCE

 **Chief Technology Officer** @ **QUARK** Aug 2023 - Feb 2024
Oslo, Norway

- Developed a performance critical cryptocurrency [API](#), achieving a 20% speed increase over competitors by integrating most suitable modern technologies.
- Developed a highly profitable multi-network MEV bot, increasing investments twice per month.
- Made a core contribution to developing the largest [BuyBot](#) on the Telegram platform.
- Managed the setup, configuration, and maintenance of cryptocurrency nodes.
- Expanded and maintained cryptocurrency asset infrastructure and tooling.
- Automated various routine EVM tasks and the collection of on-chain analytical data.
- Played a crucial role in financial management and improving the company's business model.
- Achieved a 70% reduction in project costs by expanding internal company tools and utilities.
- Increased company profits by 40% through successful monetization of both existing and new projects.

■ **Senior Software Engineer** @ ***** LTD** Feb 2023 - Apr 2023
Cherkasy, Ukraine

- Managed a team of 5 people throughout the entire software development cycle, conducting code reviews and providing constructive feedback to maintain high code quality standards.
- Attracted investments to the company by developing a product-oriented modern web service, collaborating closely with stakeholders to define project requirements and deliverables.
- Performed rapid test-driven development of a highly scalable REST API, implementing agile methodologies to streamline processes and enhance team productivity.

■ **Middle Software Developer** @ ***** LLC** Aug 2022 - Oct 2022
Warsaw, Poland

- Contributed to the project by implementing high-performance and memory-safe file format parsers using C and C++.
- Managed code setup and deployment with cloud-native technologies, including Docker, Kubernetes, and Traefik.
- Collaborated with a team using SCRUM methodologies, effectively working in a WFH environment.




 **Software Developer** Jun 2019 - Present
Freelance

- Developed Telegram bots, integrated web applications, and various in-platform automation solutions.
- Developed REST, GraphQL and RPC APIs with websockets and webhooks.
- Developed modern reactive UIs using Vue, React, PyQt, and SwiftUI.
- Configured Linux servers, maintaining both basic and critical infrastructure components.

■ **Contributor** Feb 2023 - Present
Open Source

- Contributed to the [nekogram](#) framework for creating full-fledged apps on the Telegram platform.
- Developed the public library [apidetools](#) to enhance the developer experience working with APIs.
- Developed [aiouqi](#), the very first asynchronous GUI framework based on PySide6.
- Currently working on the OpenAPI extension compatible with Rust's "axum" framework.

EDUCATION

-  **University of Gdansk** Oct 2023 - Feb 2024
Sopot, Poland
Master Degree, *Econometrics and Business Informatics*
- Awarded a Rector's scholarship for academic achievements.
-  **University of Lodz** Oct 2020 - Jul 2023
Lodz, Poland
Bachelor Degree, *Mathematics and Computer Science*
- Awarded a Rector's scholarship for academic achievements.
 - GPA: 4.63 / 5.
-  **Physics and Mathematics Lyceum no. 17** Sep 2009 - Jun 2020
Cherkasy, Ukraine
- GPA: 10.5 / 12.

CERTIFICATIONS

-  **ChainLink Bootcamp** Issued Mar 2024
-  **IELTS, B2 Advanced** Issued Jul 2020

SKILLS

Software Development

- Python
- Rust
- C++
- Node.js

Blockchain

- EVM
- Smart Contracts
- Web3
- Solidity

API Development

- REST API
- JSON-RPC
- GraphQL
- Webhooks
- Websockets

Web Development

- React.js
- Vue.js
- TypeScript
- HTML
- CSS
- JavaScript

Databases (SQL)

- MariaDB
- MySQL
- PostgreSQL
- SQLite

Databases (NoSQL)

- Redis
- ElasticSearch
- MongoDB

Version Control

- Git
- GitHub
- GitLab

Other

- Bash
- Docker
- Kubernetes
- Jenkins

Didn't find your company's main tool on the list? See more at cmlmerichie.com or let me know, and I'll master and utilize it before you find another candidate!

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INTERESTS

- Billiard: participated in local tournaments playing "Russian Pyramid".
- Cycling: mountain biking; bicycle touring; recreational cycling.
- Music: creating electronic music using DAW in genres "Wave Phonk" and others.

LANGUAGES

- English: professional proficiency.
- Russian: bilingual proficiency.
- Ukrainian: native proficiency.
- Polish: elementary proficiency.
- Suomi: *coming soon.