

WE'RE HIRING AN INTERN



● Infrastructure, Cloud & Security Intern

We are looking for a university student of computer science who enjoys infrastructure, cloud and security, and wants to find out how systems are built for real-world operation in a deep-tech startup. You will help run and harden the platform behind our analysers — from monitoring and deployment automation to access management and the security measures our sensitive data demands. We will adapt the scope of the internship to your experience and to what you enjoy most.

Key Responsibilities

- **Monitoring and observability** — monitoring of our services: metrics, logs and alerting, and keeping an eye on availability and performance.
- **Cloud and operations** — developing our cloud infrastructure, deployment automation and CI/CD pipelines.
- **Security** — contributing to the protection of our systems and data: access management, configuration reviews, vulnerability tracking, and measures appropriate to the sensitivity of the data we work with.
- **Development** — depending on your experience, you will also get to the product itself: React frontend, .NET backend, plus C++ and Python.

Requirements

- University student of computer science or a related field (bachelor's or master's level).
- An interest in infrastructure, cloud, monitoring and cyber security — from coursework, your own projects or a home lab.
- Ability to read and write code in at least one of Python, C#/.NET, C++ or JavaScript/TypeScript, plus basic Git.
- Confident everyday use of AI tools for writing code, exploring data and documenting work.
- Independence and willingness to look things up — we expect someone who wants to learn, not a finished expert.
- English good enough to read technical documentation.
- Personal or university projects that show what you enjoy are an advantage, not a requirement.

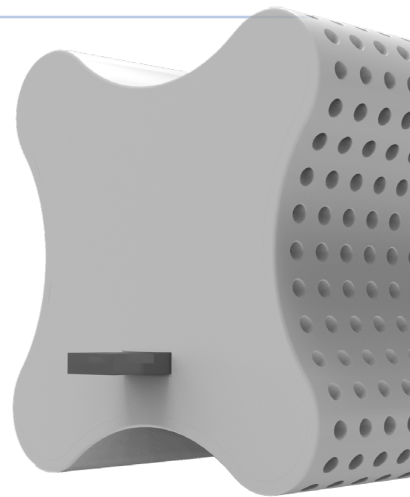
What We Offer

- Work on the real platform behind our analysers, not a training project.
- Ownership of a well-defined area — monitoring, deployment and security hardening are yours to improve.
- Direct mentorship from the team that builds the product, and an end-to-end view from device to cloud.
- Financial compensation in line with InnovPrecMed project rules.
- A primarily remote, flexible part-time setup adjusted around your exam periods, with the possibility to continue the collaboration afterwards; we prefer candidates near Prague for occasional in-person meetings.

About Lightly Technologies

Lightly Technologies, s.r.o. is an innovative deep-tech startup based in Brno, Czech Republic. We develop a portable chemical analyzer based on our patented UV-Fingerprint technology that enables rapid, field-ready detection and identification of chemical substances (drugs, pharmaceuticals, food adulterants) in under 10 minutes, without requiring laboratory calibration.

Our technology combines advanced photochemistry, bioanalytical methods and machine learning. We work closely with law enforcement agencies including the Czech Police, INTERPOL, and U.S. federal agencies.



How to Apply

Send your CV to:

Alex Paroulek

alex.paroulek@lightly.bio

This internship is offered as part of the InnovPrecMed programme.

<https://www.innovprecmed.eu>

