

Aleksandr Petrunin

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EDUCATION

Neapolis University

Bachelor of Science in Computer Science

- Completed JetBrains courses on various advanced concepts

Pafos, Cyprus

Expected June 2025

CGPA: 9/10

Muse Group Frontend Academy

Intensive course participant

- JavaScript, React: fundamentals, main & advanced hooks, patterns, server components

Limassol, Cyprus

June - July 2024

Alferov Research University of the Russian Academy of Science

Bachelor of Science in Applied Mathematics, Bioinformatics

- Collaborated with Research Lab in Pavlov First Medical University
- Supervised hermetic lab zone operations and university's RBAC as system administrator

St Petersburg, Russia

CGPA: 4.8/5.0

2020 - 2022

WORK EXPERIENCE

GEANT-CYNET Trust & Identity Incubator

Software-Engineering Intern – Full-Stack Developer

- Enhanced and streamlined common European federation security and metadata management tasks by developing a multi-tenant, multi-protocol service for open-source AAI solutions with extensible K8s platform solution.
- Improved onboarding of new Federated entities by 50% by developing a proxy containerized solution with user-friendly UI.
- Reduced manual setup for emerging NREN federations by 40% by automating SP deployments with Docker images.

Cyprus (on-site), Netherlands, UK (remote)

Sep 2023 - Dec 2024

ArgoSmart internship (Real estate management startup)

Python Backend Developer

- Increased developer efficiency by 15% by managing backend services, databases, and supporting auto-generation of API documentation.
- Reached seamless transaction process by integrating and testing UAE-based APIs and payment systems.

Cyprus (on-site), UAE (remote)

Apr - Oct 2024

PROJECTS

- Ordering Management System:** Go, gRPC, Swagger, MongoDB, Kafka, Stripe
 - A microservices-based platform for handling customer orders with payment processing and inventory updates.
- Fast Frontend Deployment:** Docker, React, shadCN, tailwind, React Router, zustand.
 - Containerised frontend environment for fast prototyping and deployment.
- DevOps:** Git, Shell scripting, Docker, K8s, Prometheus + Grafana
 - Learning journey of modern tools and best practices across different SWE domains and cloud.
- Metadata management tool:** Identity protocols, SSO, GitOps, Docker, K8s, Ansible, Terraform
 - A Kubernetes-deployed solution for managing auth metadata using identity protocols.

SKILLS

Core Technologies: Python, JavaScript (React), Django, Docker Compose, SQL, Linux, Git, IAM.

Additional: CI/CD (GitHub Actions, Jenkins), API (REST, OpenAPI); Distributed systems, Cybersecurity.

Certifications: AWS Cloud Practitioner (in progress), CKAD (in progress)