

David Tchekachev

CKA-Certified Site-Reliability Engineer | Distributed Systems & Cloud | Kubernetes - Node.js - Python

Final-year Computer Science engineering student at EPITA, passionate about building distributed, cloud-native systems.

Experienced in deploying scalable backends with Kubernetes, RabbitMQ, Redis, and NodeJS. Seeking a hands-on SRE internship or junior role **starting Feb 2026** to contribute to innovative infrastructures with unique challenges.

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WORK EXPERIENCE

IVAO.AERO | WEB TECH LEAD | Reference: Alex Altea <alex.altea@ivao.aero>

Remote | Jan 2021 - Now

- Maintaining a **distributed microservice architecture on Kubernetes** (20+ systems) serving **40M+ daily requests** with high-availability.
- Building in-house services with **RabbitMQ, Redis, MariaDB, Kong** with scalability and resiliency objectives to prevent downtime for users.
- Implemented custom authentication process with our own **OAuth2 IdP & SSO** to integrate with our legacy datastores and access management.

DELOITTE | IT M&A CONSULTANT | Reference: Mathieu Correia <mcorreia@deloitte.fr>

Paris, France | Sept 2024 - Jan 2025

- Analyzed complex IT architectures and in-house software systems across **7 M&A deals** to assess scalability, risks, and technical debt.
- Took ownership of a **smaller engagement with full autonomy**, including interviews, system evaluations, and final recommendations.

DELOITTE | INNOVATION TECHNOLOGY DEVELOPER | Reference: Daniel Brunner <dabrunner@deloitte.lu>

Luxembourg | Jun 2023 - Aug 2023

- Designed and implemented best-practices technical solutions built on **Python, JavaScript, and AWS** for internal and clients' projects.
- Built and deployed 2 mobile applications fully integrated with **SAP, Salesforce, and AWS**, used by 3,000+ employees daily.

AGGAEUS | SOFTWARE ENGINEER | Reference: Haggai Klorman <haggai@aggaeus.com>

Israel & Remote | Dec 2021 - Jun 2023

- Designed and deployed backend services (NestJS, Python) powering production systems (**AWS & K8s**) used by **5,000+ users**.
- Collaborated with non-tech project managers, assessed technical feasibility and estimated development timelines with accuracy.

FREELANCE | SOFTWARE ENGINEER

Freelance | Mar 20 - Now

- Delivering custom IT solutions (mostly Symfony, PHP) to 3-5 SMEs, and **deploying them in their specific IT environments (Bare-metal, Cloud)**.
- Analyzing existing IT landscape to **suggest cost-effective improvements** over a couple of months, minimizing disruptions to business operations.

CERTIFICATIONS

CKA: Certified Kubernetes Administrator (2025): Validating skills in deploying, managing, and troubleshooting production Kubernetes.

CAST Highlight (2024): Software analysis tool for tech due diligence and codebase risk assessment.

AWS Technical Essentials (2022): Foundation-level course covering IAM, EC2, VPC, and basic cloud architecture principles.

SKILLS

Tech Stack: JavaScript (ReactJS, Typescript, NodeJS, NestJS), Python (Flask, Django), Rust (Actix), SQL, PHP (Symfony)

Cloud & DevOps: Git, AWS, Docker, Kubernetes (K8s), Linux, REST APIs, CI/CD, Terraform, RabbitMQ, Pipelines (GitHub Actions & GitLab)

Management Skills: Leadership, AGILE, Translating Business needs into Tech solutions, Priority assessment

Soft Skills: Communication, Initiative, Ownership, Teamwork, Problem-Solving, Adaptability, Lead-by-Example

Languages: Professional **English** TOEIC (985/990) & TOEFL (109/120), Native **French**, Native **Russian**

EDUCATION

EPITA - SIGL Major 

Lyon & Paris, France | 2020 - 2026

FINAL-YEAR COMPUTER SCIENCE ENGINEER STUDENT - CLASSES: LEADERSHIP & MGMT, CLOUD & ARCHITECTURE, APPS, BUSINESS & IT

- Specialized in **Cloud Architecture, DevOps, and Application Engineering** while learning about today's enterprise IT challenges.
- Built a **self-service, resilient, and redundant Hybrid Cloud** platform on **OpenStack & AWS** to deploy Web apps.
- Deployed a **production-like Kubernetes environment** with strict requirements (availability, security, and segmentation) and state-of-the-art tools (Terraform, ArgoCD, Helm, ACLs, Network Policies)

TECHNION

Haifa, Israel | 2022

COMPUTER SCIENCE EXCHANGE SEMESTER

LEADERSHIP & VOLUNTEERING

VOLUNTEER TEAM LEADER 

PARIS 2024 OLYMPICS & PARALYMPICS | JUL 2024 - SEPT 2024

Managed more than 300 volunteers assisting international federations and ministers to ensure seamless daily operations.

NATIONAL ICE HOCKEY REFEREE 

FRENCH HOCKEY FEDERATION | SINCE 2020

Officiating high-intensity semi-pro & professional games, making split-second decisions under pressure and clearly communicating them to all actors.

References: Available upon request