

David Tchekachev

Site-Reliability Engineer | Distributed Systems & Cloud | CKA-Certified

Unique experience managing production clusters, leading volunteering teams, and working as a business analyst.

Seeking a hands-on SRE internship **starting Feb 2026**

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EDUCATION

EPITA - Information Systems & Software Engineering Major

France | 2020 - 2026

FINAL-YEAR COMPUTER SCIENCE ENGINEER STUDENT

Classes: Leadership & Management, Cloud & Architecture, Mobility & Applications, Digitalization & Transformation

PROJECTS

IVAO - INTERNATIONAL FLIGHT SIMULATION NETWORK - TECH LEAD

REMOTE | JAN 2021 - NOW

IVAO is a NPO building a network for flight simulation enthusiasts, used by > **10k users/week**, powered by 1k volunteers

- Leading a team of **12 developers** delivering tools that improved staff efficiency and enhanced user engagement worldwide.
- Optimizing the **microservice architecture** to support variable load across the globe while keeping **low latencies & efficient cost-management**.

Tech: Kubernetes, Docker, MariaDB, RabbitMQ, Redis, Auto-Scaling, CloudFlare

EPITA - HYBRID DISTRIBUTED CLOUD PLATFORM (ARCL)

FRANCE | APR 2025 - JUN 2025

Deploy a self-service cloud platform that allows a customer to run workloads in private and public clouds, with redundancy & resiliency requirements.

- Deployed and configured both cloud environments (private & public) to run together seamlessly for supported workloads.
- Implemented redundancy & resiliency solutions across 3 availability zones to ensure increased availability and scalability.

Tech: AWS, GCP, OpenStack, Terraform, EC2, S3, CloudFront, VPC

EPITA - IS URBANIZATION (UBSI)

FRANCE | JUN 2025 - NOW

Deploy and maintain the technical infrastructure to replicate the IS of a major retail company

- Defined and deployed an **IT service catalog** based on developers' needs, assisting with first releases, documentation and support operations.

Tech: Kubernetes, ArgoCD, Terraform, Helm Chart, RabbitMQ, PostgreSQL, Kong, Traefik

WORK EXPERIENCE

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

France | Sept 2024 - Jan 2025

- Assessed IT architectures across **7 M&A deals**, identifying opportunities, risks and scalability issues that informed buy/sell decisions.
- 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

- Developed and deployed a mobile timesheet application within company cloud environment (**AWS**) to be used by **3,000+ employees daily**.

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

Israel & Remote | Dec 2021 - Jun 2023

- Augmented existing marketing backend services (NestJS, Python) to improve performance (15%) worldwide within **K8s & AWS** environments.

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)**.

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: Typescript (ReactJS, NodeJS, NestJS), Python (Flask, Django), Rust (Actix), Go (Kong plugin), C (Univesity), SQL, Exposure to Java

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

Systems: Debian/Ubuntu, NixOS, TCP/IP, DNS, ICMP, Load Balancing, OpenStack, Shell, Socket, File Descriptors, LXC/QEMU

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**

LEADERSHIP

OLYMPIC 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.

ICE HOCKEY REFEREE (NATIONAL)

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.