

# David Tchekachev

Entry-Level DevOps Engineer | Distributed Systems & Cloud | Kubernetes - Node.js - Python  
Final-year Computer Science engineering student at EPITA, passionate about automating infrastructure and building resilient, cloud-native platforms. Experienced in Kubernetes, Terraform, GitHub Actions, and cloud deployments (AWS & bare metal).  
Seeking a hands-on DevOps or SRE internship **starting February 2026**.  
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## WORK EXPERIENCE

- IVAO.AERO | WEB TECH LEAD** | Reference: Alex Altea <alex.altea@ivao.aero> Remote | Jan 2021 - Now
- Operating 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.
  - Developed a set of **optimized GitHub Actions pipelines** reused across all repositories to easily manage testing, packaging, and deployment.
- 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
- Implemented best-practices technical solutions built on **GitLab, 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
- Developed and deployed backend services (NestJS, Python) on (**AWS & K8s**) used by **5,000+ users**, using reusable **laC templates**.
  - 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

**AWS Technical Essentials** (2022): Foundation-level course covering IAM, EC2, VPC, and basic cloud architecture principles.  
**AWS CloudFormation** (2023): Focus on writing and managing infrastructure-as-code using YAML templates and stacks.  
**CAST Highlight** (2024): Software analysis tool for tech due diligence and codebase risk assessment.



## SKILLS

**Cloud & DevOps:** Terraform, AWS, Docker, Kubernetes, Pipelines (GitHub Actions & GitLab), Linux, REST APIs, RabbitMQ  
**Tech Stack:** JavaScript (ReactJS, Typescript, NodeJS, NestJS), Python (Flask, Django), Rust (Actix), SQL, PHP (Symfony)  
**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.
  - Setup pipelines to deploy both static-generated sites and full-stack applications in Cloud & Bare-metal environments.
  - 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.