

David Tchekachev

Entry-Level Software 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, Node.js, Python, and Rust. Seeking a hands-on SWE internship or junior role **starting Feb 2026** to contribute to impactful backend or platform engineering projects.

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WORK EXPERIENCE

IVAO.AERO | **WEB DEVELOPMENT MANAGER** | Reference: Alex Altea <alex.altea@ivao.aero>

Remote | Jan 2021 - Now

- Implementing and deploying technical multi-tier web solutions with **React.JS, NestJS, MariaDB** across the globe.
- Made **500+ API endpoints** public with OAuth2 and Swagger docs, enabling external developers to integrate real-time virtual aviation data.
- Maintaining and improving a **distributed microservice architecture on top of K8s** of 20+ web systems to handle **40M+ daily requests**.

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.
- Collaborated cross-functionally with Finance, Legal, HR, and Operations teams to build a holistic view of IT and Business alignment.

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

Luxembourg | Jun 2023 - Aug 2023

- Designed and implemented state-of-the-art technical solutions built on **Python, JavaScript, and AWS** for internal and clients' projects.
- Built 2 fully integrated mobile applications with **SAP / Salesforce / AWS** that are used by 3,000+ employees.
- Conducted research** on Generative AI for potential business opportunities and proof-of-concept demonstrations for company stakeholders.

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 used by **5k+ users**.
- Collaborated with non-tech project managers, assessed technical feasibility and estimated development timelines with accuracy.
- Engineered & deployed e-commerce websites within compressed timelines (1-2 months) to facilitate rapid public release.

FREELANCE | **SOFTWARE ENGINEER**

Freelance | Mar 20 - Now

- Delivering custom IT solutions (mostly Symfony, PHP) to 3-5 SMEs, improving daily operations, manual tasks, and paper-based processes.
- Organizing open and consultative discussions with clients to comprehensively understand their **needs** and offer optimal technical solutions.
- Analyzing existing IT landscape to **suggest cost-effective improvements** over a couple of months, minimizing disruptions to business operations.

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)

Certifications: CKA: Certified Kubernetes Administrator(2025), CAST Highlight (2024), AWS Technical Essentials (2022)

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

Soft Skills: Team Leader, Taking Responsibilities & Initiatives, Effective tech and non-tech Communication, Critical Thinking

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

- Developed various projects from **low-level (e.g., compiler, shell) to high-level (e.g., websites, applications)**, both in groups and alone.
- Participated in a **Product-driven project** by collecting clients' needs, personas, story mapping, roadmap, and risk management.
- 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.