

David Tchekachev

Software Engineer | Distributed Systems & Cloud | Typescript - Python - Kubernetes

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

Experienced in deploying scalable backends with Typescript, Python, Kubernetes, 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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EDUCATION

EPITA - Information Systems & Software Engineering (SIGL) Major 

Lyon & Paris , France | 2020 - 2026

FINAL-YEAR COMPUTER SCIENCE ENGINEER STUDENT

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

PROJECTS

IVAO - WEB DEVELOPMENT MANAGER 

Remote | Jan 2021 - Now

IVAO is a NPO building a network for flight simulation enthusiasts, we own our software, & infrastructure, 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.
- Building & maintaining **15+ microservices** built-for-purpose that support **40M+ daily requests**, while keeping infrastructure costs down.

Tech: Typescript, NestJS, ReactJS, Git, GitHub, Docker, Kubernetes, MariaDB, RabbitMQ, Redis, REST API, OAuth2

AVENIR - HIGH-SCHOOL COURSE SELECTION PLATFORM 

France | Mar 2020 - Now

- Built a custom platform for **for 3500+ high-school users** that **saves 50h/year** of administrative work by eliminating paper-based process.
- Maintaining the platform operational while making it flexible to support multiple clients independently.

Tech: Typescript, ReactJS, PHP, Symfony, Git, GitHub, MariaDB, REST API

EPITA - INTRANET DEVELOPMENT (SIWEB) 

Paris | Feb 2025 - Now

- Working in a team of 7 to improve the class' intranet, **used by 60 students & 15 professors**, providing monthly user-experience feedback.

Tech: Typescript, Express, ReactJS, PHP, Git, GitHub, PostgreSQL, Redis, REST API

WORK EXPERIENCE

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

Paris, 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

- Built a fully integrated mobile application with **SAP**, for **3,000+ employees** to fill their timesheets on daily/weekly basis.
- **Conducted research** on Generative AI for potential business opportunities and proof-of-concept demonstrations for an internal "ChatGPT"

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

Israel & Remote | Dec 2021 - Jun 2023

- Augmented existing marketing backend services (**NestJS, Python**) with new features to improve outreach for **5k+ users**.
- Delivered e-commerce sites within **1-2 months**, enabling products to launch ahead of competitors and capture early revenue.

FREELANCE | SOFTWARE ENGINEER

Freelance | Mar 20 - Now

- Automated workflows and digitized processes for 3-5 SMEs, **reducing manual work by 75%** and improving operational efficiency.
- Organizing open and consultative discussions with clients to comprehensively understand their **needs** and offer optimal technical solutions.

SKILLS

Tech Stack: JavaScript/Typescript (ReactJS, NestJS, NodeJS), Python (Flask, Django), Rust (Actix), SQL, C++, C#, Java, PHP

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**

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.