David Tchekachev

Software Engineer with 3+ years of experience across full-stack development, system architecture, and technical leadership.
Passionate about designing scalable systems, mentoring dev teams, and driving innovation.
Available for a full-time position or internship starting February 2026.
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WORK EXPERIENCE

IVAO.AERO | Web Development Manager | Reference: Jack Plumb <jack.plumb@ivao.aero>   Remote | Jan 2021 - Now
- Leading a worldwide team of **10 developers** on 10-15 projects related to flight simulation, in collaboration with internal and external partners.
- Defining and executing a clear **technical & functional vision and roadmap** to support the network's growth for the next 3 years.
- Designing and maintaining a **distributed microservice architecture 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.
- Led a **full IT Due Diligence engagement** end-to-end, including stakeholder 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.

AGGAEUS | Software Engineer - Tech Lead | Reference: Haggai Klorman <haggai@aggaeus.com>   Israel & Remote | Dec 2021 - Jun 2023
- Drove technical innovation by **proposing, overseeing, and executing 3 new products** inside a vast ecosystem of websites targeting a wide range of domains (NFT, E-Commerce, B2B, Medical, ...): preen.me / betterweightforlife.com / kardz.biz
- Provided strategic counsel to project managers, assessed technical feasibility and estimated development timelines with accuracy.
- Engineered e-commerce websites within compressed timelines (1-2 months) to facilitate rapid public release.

DELOITTE | Innovation Technology Developer | Reference: Daniel Brunner <dabrunner@deloitte.lu>   Luxembourg | Jun 2023 - Aug 2023
- **Designed, presented, and implemented** state-of-the-art technical solutions for both internal and client-targeted projects.
- Built 2 fully integrated mobile applications with **SAP / SalesForce / AWS** in collaboration with a UI/UX team.
- **Conducted research** on Generative AI for potential business opportunities and proof-of-concept demonstrations for company stakeholders.

FREELANCE | Software Engineer   Freelance | Mar 20 - Now
- Delivering custom IT solutions to 3-5 SMEs, improving operations through tailored software tools and infrastructure improvements.
- 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

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

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

Cloud/Infrastructure: Git, AWS, Docker, Linux, REST APIs, CI/CD, DevOps, Kubernetes (K8s), Terraform, RabbitMQ

Certifications: AWS Technical Essentials (2022), AWS CloudFormation (2023), CAST Highlight (2024)

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

EDUCATION

EPITA - SIGL Major ⬈   Lyon & Paris, France | 2020 - 2026
Final-year Computer Science Engineer Student - Classes: Leadership & Mgmt, Cloud & Architecture, Apps, Business & IT
- Built a **self-service, resilient, and redundant Hybrid Cloud** platform on **OpenStack** & **AWS** to deploy Web apps.
- Led group projects simulating **full-scale digital transformation** scenarios for major French industries (Healthcare & Bio-Sciences)
- 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

EXTRACURRICULAR LEADERSHIP

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