

Zacaria Chtatar

API platforms, distributed systems, and technical strategy.

Software engineer since 2013, with lead roles since 2018. I connect architecture, API performance, operational evidence, and delivery practices to product needs and engineering constraints.



01 · PROFILE

At a glance

2013 CAREER START	10M → 25M req/day SCALE TO SUPPORT MORE TRAFFIC	24h → 15m UPDATE VISIBILITY	955 TOEIC ENGLISH
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02 · CHRONOLOGY

Work experience

Club Med

Lead Developer

Platform architecture & technical leadership

- Contributed to architecture choices and API contracts for Club Med's public API platform.
- Clarified trade-offs across engineering, product, and business stakeholders, and improved onboarding through clearer contracts and shared standards.

API performance & event-driven systems

- Helped scale Club Med's public API platform to support observed production traffic from approximately 10M to 25M requests per day through route-level Kibana observability, load testing, and profiling.
- Designed and implemented dependency-aware Kafka refreshes with a Rust service, reducing the wait to see updates from 24 hours to 15 minutes.

AI-assisted delivery

- Introduced Spec-Driven Development with OpenSpec during a hackathon; adoption accelerated afterward.
- Created MCP access to API documentation and logs so coding agents receive controlled project context.

2020.09 ~ NOW

Public API platform supporting Club Med's digital ecosystem

Figaro Classifieds

Node.js Lead Developer

Modernizing property platforms

- Led a Backbone and JSP migration to Vue.js with server-side rendering.
- Improved SEO and user experience while modernizing build and delivery practices.
- Built Node.js and Go services and configured a GCP CDN with Terraform.

2018.09 ~ 2020.09

Property platforms within the Figaro media group

DirectSkills

React Tech Lead

Modernizing frontend delivery

- Led React interface delivery in a complex human-resources domain.
- Modernized frontend practices and tooling.
- Trained teammates on the React ecosystem.

2018.05 ~ 2018.08

Software for temporary-employment management

Mirakl – French unicorn

- Established React and Redux practices, maintained a component library, and industrialized delivery with CircleCI and Lerna.
- Trained Java developers moving to React and helped a seven-person team restore professional collaboration.

Airfund

- Built React components integrated with a GraphQL API and improved Apollo client performance.
- Facilitated Scrum practices for the client team.

Engineering foundations

- Completed six weeks of intensive software-engineering training and earned Oracle OCA and OCP certifications.
- Built TypeScript-to-Markdown tooling for the Babylon.js documentation.
- Visualized IoT sensor data for the CESI CREST research project and delivered early web and mobile client products.

03 · SCOPE

Technical leadership & systems scope

Technical leadership	Systems	Delivery	Languages & credentials
Technical strategy and decision framing Architecture and API contracts Team enablement and onboarding Communication across technical and business audiences	Public APIs at scale Performance and observability Event-driven architecture Distributed caching and data freshness	Spec-Driven Development Test-Driven and Domain-Driven Development CI/CD and infrastructure as code AI-assisted engineering workflows	English – TOEIC 955 Hugging Face AI Agents Certification, 2024 AWS Certified Cloud Practitioner, 2019 Oracle OCA and OCP

Selected technologies

Node.js

TypeScript

Rust

Kafka

Redis

React

Kibana

Docker

AWS

Terraform

04 · BEYOND WORK

Beyond the role

API Days 2023 2023.12.06 ~ 2023.12.08 Speaker English-language talk on building robust, fast, cost-efficient APIs with Rust.	VIDEO European Innovation Academy 2023.07 ~ 2023.08 Technical lead – MyTurn Three-week entrepreneurship programme in Porto; led technical and architecture decisions for the MyTurn product concept.	Applied Quantum Computing 2022.07 ~ 2022.07 Hogeschool van Amsterdam Two-week intensive programme completed with a score of 10/10; implemented BB84 quantum key distribution and qubit teleportation with Qiskit.	CESI Exia 2011 ~ 2016 Manager des systèmes d'information – French Bac+5 Five-year project-based programme completed at French Bac+5 level.
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