

Kazim Vakhobov

Senior Frontend Engineer & Team Lead — Angular · React · TypeScript · AI-first

8+ years of commercial engineering · 4 years as a hands-on team lead · open to work: full-time, remote, available now

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github.com/kazimVakhobov · gitlab.com/kazimVakhobov · linkedin.com/in/kazimvakhobov · npmjs.com/~kazimvakhobov

SUMMARY

Frontend engineer with 8+ years of commercial experience, the last 4 as a hands-on team lead who still writes production code. Core stack is Angular and TypeScript with RxJS (since 2018); secondary React, React Native and Node.js/NestJS, plus Java Spring Boot on the backend.

Built B2B platforms, partner portals and admin panels for government and enterprise clients in Malaysia and the CIS. Since 2025 has run an agentic engineering process end to end — with its own methodology and open-source tooling — keeping code review, manual testing and automated verification mandatory.

OWN METHODOLOGY & OPEN SOURCE

“Agents need context, not access” — repository methodology for agentic development (article)

- Each product surface (API, web, admin, mobile) lives in its own repository; one **shared-docs** repository — specs, numbered ADRs, task queue, per-surface progress logs, changelogs — is mounted as a read-only Git submodule at the same path in every code repo.
- Agents get the whole product's context but can write only to the one repository the task names: the boundary is enforced mechanically, not by prompt. A bad run is contained to one repo — the unit of review, revert and access control.
- Applied in production: Yuk Markaz 24 — four applications built in parallel and taken to production in four months; QMed — seven repositories over one API, one documentation layer, 33 ADRs.

Detent v1.0.0 — open-source orchestrator for coding agents (detent.kazimvakhobov.com · npm @kazimvakhobov/detent · GitHub)

- Spec-driven delivery: runs Claude Code through a queue of tasks written as specs with acceptance criteria; nothing finishes until the repository's own checks pass — failures go back to the agent, repeated failures pause the task for a person (desktop / Telegram notification).
- A second model reviews green diffs and can demote but never approve; every run's rounds, model, time and cost are journaled; local dashboard with pass rate and cost per landed task.
- Automates the methodology: refreshes shared context at task start and commits the submodule pointer with the task. Works only in its own branch namespace, never pushes to product branches. Node 22, zero dependencies, MIT.

PROFESSIONAL EXPERIENCE — 8+ YEARS

Datamicron SDN BHD

Jul 2022 — Aug 2026

Solution Consultant → Solution Architect & Frontend Team Lead

Malaysia (relocated) · system integration & BigData · primary employment

Owned the frontend track across system-integration and BigData programmes for Malaysian government and enterprise clients: client meetings, technical proposals, PoCs, demos and the development team.

- **SSM Data Marketplace** (Ministry of Domestic Trade, Malaysia) — online marketplace for statistical data with complex filtering over a Data Lake / DWH. Frontend architecture in React + TypeScript, embedded into Apache Wicket through a custom bridge and served alongside Java Spring Boot on Tomcat with no separate Node.js runtime. Role: frontend team lead and backend developer (Spring Boot, PostgreSQL).
- **Report Service** — standalone NestJS microservice abstracting Data Lake / DWH access: SQL assembled on the fly from client-side filters, JSON-configured sources, Redis caching. Built end to end with Claude Code.
- **JPJ AwAS** (Malaysian Road Transport Department) — automated penalty reporting from road cameras, integrated with a traffic-violation recognition system. Angular + TypeScript on Java Spring Boot.

Yuk Markaz 24

Jan 2026 — Present

Development Team Lead

Uzbekistan · freight & logistics · yukmarkaz24.uz

End-to-end freight logistics platform for the CIS market: dispatcher workspace, admin panel, driver mobile app and landing page on a NestJS / PostgreSQL backend — four applications built in parallel with the methodology above and taken to production in four months.

- Stack: React (TypeScript) dispatcher workspace and admin panel (admin migrated from Angular 17 to React through the agent workflow), React Native driver app (iOS & Android), Astro landing page, NestJS backend.
- AI-first from day one: implementation with Claude Code orchestrated by Detent, screen and flow prototyping in Claude Design.

Uzbekistan · B2B SaaS for hospitality · part-time alongside primary role

- Single-window management system for hotels and hotel chains — bookings, reporting, dynamic pricing — with two-way channel integrations: Booking.com, Agoda, Airbnb, Mybooking.uz and others.
- Rebuilt a freelancer-built Angular 9+ codebase into strict layers with enforced dependency rules (module → module service → API services → base API service); code review and onboarding of new developers.

Tashkent, Uzbekistan · software development

- **E-Cinema** — three-product suite (E-Ticket, E-Kino, Kinoprokat) for cinema distribution, electronic ticketing and reporting. Role: Project Manager + Frontend Developer (Angular).
- **Falcon Messenger** — corporate messenger built on the open-source Tinode platform, rewritten from scratch after the MVP was funded. Role: Android team lead (Kotlin, Socket.IO): public / private topic metadata, notifications, offline support, WebRTC calls and conferences, media compression, forwarding chains, AES / RSA encryption.

OTHER PROJECTS

- **QMed** (qmed.uz) — SaaS for private clinics in Uzbekistan: seven repositories over one API, NestJS, PostgreSQL, React, React Native. In development.
- **Har Kun AI** (GitHub) — streaming LLM chat over OpenRouter models with a Node.js proxy, so no API key reaches the browser; mock mode. React, TypeScript.
- **GREEN-API Telegram client** (GitHub) — test assignment, web chat over the GREEN-API HTTP API; passed the company's code review. React, TypeScript.

TECHNICAL SKILLS

Frontend (core)	Angular 2–17, TypeScript, RxJS, Angular Material, AntDesign
Frontend	React, Redux, JavaScript (ES6+), HTML5, CSS3, SCSS, Bootstrap, Astro
Mobile	React Native (iOS / Android), Android (Kotlin, Java)
Backend	NestJS, Node.js, Java / Kotlin (Spring Boot)
Agentic engineering	Claude Code, Claude Design, multi-agent workflows, spec-driven delivery, RAG, context management
Architecture	SOLID, OOP, microservices, REST API, WebSocket, Socket.IO, WebRTC, modular SPA design
Data & caching	PostgreSQL, MongoDB, Redis
Tooling	Git, Git Submodules, Docker, Nginx, PM2, Unix / Linux

EDUCATION & CERTIFICATION

Tashkent University of Information Technologies (TUIT) — Software Engineering, Bachelor's degree	2018
GREEN-API Certified Developer — integrations and chatbots on GREEN-API, certificate № 2244565 (verify)	Oct 2026

LANGUAGES

Uzbek — Native · Russian — C2 · English — B2 (Upper-Intermediate)