

# Mikita Himpel

Senior Software Engineer — Platform & Frontend Infrastructure

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## SUMMARY

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Frontend / platform engineer with 7.5 years of experience. Currently at Capital.com — focus on frontend architecture, build systems, performance, and developer tooling at scale.

## EXPERIENCE

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**Capital.com** — Senior Software Engineer 2022 — Present

- Proposed, designed, and implemented migration of ~1M LOC Angular monorepo from Webpack to esbuild and Storybook to Vite: defined approach, validated wins, executed rollout across apps — **CI builds 10→4 min** (~2.5×), **Storybook 10→2.5 min** (~4×), introduced **HMR** to dev workflow
- **Sole technical owner** of new mobile web product — a no-install, in-browser alternative to the existing Cordova mobile app; architected end-to-end (CDN, routing, SSO, deep links, CI/CD, tracking), primary contact for product and marketing, opened a new acquisition channel
- Initiated and led tracking platform modernization across two fronts: (1) traffic optimization — **~30% reduction in tracking traffic**; (2) Consent Mode + ATT architecture and in-house Consent SDK unifying web and mobile flows — **unblocked marketing campaigns and App Store releases**
- Redesigned WebSocket-based client-server communication with a custom binary encrypted protocol, resolving SSL pinning constraints in the mobile architecture; refactored networking module and optimized request batching, significantly reducing network overhead
- Designed lazy-loaded popup architecture and migrated ~50 modules, coordinating changes across teams — **1.5–2 MB cut from main bundle**
- Partnered with frontend architect to design Playwright-based E2E testing framework with custom coverage tooling; led performance optimization across E2E, unit tests, and TypeScript builds, improving CI stability and developer productivity
- Scaled internal Storybook platform to **1000+ stories** with custom plugins resolving memory and performance bottlenecks
- Designed cross-functional design-token process (designer workflow, engineering integration, automated MRs) and built the supporting Figma → GitLab → CI/CD pipeline — enabled the **full application redesign**
- Drove team-wide AI adoption: led 1:1 onboarding, authored skill configurations and best-practice guides, fielded ongoing questions in team channels — embedded AI workflows into daily engineering

**Banuba** — Software Engineer • sister company to Capital.com 2022

- Partnered with CTO on prototype validation in a computer-vision startup; shipped a WebAssembly liveness-detection library for web integration

## EARLIER EXPERIENCE

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**Neotix Finance** — Frontend Developer — React, TypeScript + Web3 dApps 2021 — 2022

**EPAM Systems** — Software Engineer — Enterprise frontend (React, TypeScript, LitElement) 2019 — 2021

## EDUCATION

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**Belarusian State University** — BSc Computer Science 2017 — 2021

## STACK

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TypeScript • Angular • React • Nx • Vite • Storybook • Node.js • Capacitor • WebSocket • MQTT • Playwright  
• WebAssembly • CI/CD