Oleksandr Hal

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Languages: Ukrainian - Native, English - C1, Slovak - Beginner

SUMMARY

Full Stack Web Developer with 3+ years of commercial experience building and maintaining production CRM and internal operations platforms. Delivered CRM modules, data import pipelines, and third-party API integrations used by 300+ business clients. Experienced in PHP, Vue.js, React, Node.js, Python, and SQL, with a track record of shipping high-impact features in complex legacy codebases.

WORK EXPERIENCE

VORTEX **Uzhhorod, Ukraine**
Full Stack Web Developer June 2023 - Present

- Co-maintain a production CRM platform serving 300+ business clients and used daily by support, developer, and management teams: delivering feature additions, refactoring, and critical bug fixes across the full stack (PHP, Vue.js); fixed a crashing export (23s → 12s).
- Developed 6+ custom modules solo on top of an existing platform for a Mopar automotive parts client, becoming their primary inbound channel for compatibility requests, custom orders, and general inquiries. 3 months development + 2 months iterations, including technical SEO. Client's order volume grew ~9% in the first 3 months post-launch (1,700 → 1,850 units).
- Sole developer of the internal operations platform since 2023: rewrote its legacy modules to current standards and, in a 4-month overhaul, migrated the legacy client-instance data model to a leads-based architecture (700+ leads to date).
- Built and solely maintain the platform's ticket tracking module: 1,000+ tickets processed, client-facing self-service ticket creation via CRM, and automated Telegram notifications for the team.
- Built 20+ queue-driven parsers and data import pipelines for automotive catalogs (plain HTTP or Selenium with a custom captcha solver, stored in MariaDB), collecting ~80M vehicle-to-part links; Redis caching cut lookups for popular cars from ~1.5–2s to ~0.2s. Several grew into full CRM modules, including a 600-article catalog for a major lubricants brand with 12M+ article-to-vehicle links.
- Designed a reusable QR attendance and activity tracking module for 300+ employees across client programs, replacing manual tracking.
- Integrated Ringostat and Viber APIs/webhooks into CRM workflows, powering call tracking and automated notifications for 10-15 clients. Listed as an official Ringostat integration partner.

TECHNICAL SKILLS

- Languages & Frameworks: PHP, JavaScript, TypeScript, Vue.js, React, Next.js, Node.js, Express.js, Python, SQL, Laravel (learning)
- Databases & Storage: MySQL / MariaDB, Redis, MongoDB, PostgreSQL (learning)
- Tools & Practices: Git, REST APIs, Webhooks, JSON-RPC, Cron Jobs, Queues, Web Scraping, Selenium, Docker (learning)
- Integrations: Ringostat, Viber, Telegram, Diia, Ukrposhta, Google Auth

PROJECTS

POS and KDS System - In Development June 2026 - Present
Tech: Laravel 12, React, Sanctum
- Core POS flow works (PIN sign-in, live table totals, batched orders, discounts, receipts); kitchen display in progress.

Food Ordering Platform - Bachelor Thesis Project May 2026
Tech: Express.js, React, MySQL, Redis, Socket.IO
- Built a full-stack food ordering platform (auth, catalog, cart, checkout, order history, admin dashboard) on Express.js/MySQL/React, using Redis caching to cut delivery-fee endpoint latency from ~90ms to ~8ms (p95 166ms → 19ms), load-tested via k6 at 100 concurrent users with <50ms avg response and 0% errors.
- Benchmarked Socket.IO against HTTP polling for real-time order updates under simulated load (100 clients, k6): WebSocket cut avg CPU usage ~89% and RAM usage ~23% vs polling, validating the real-time architecture choice.

AWARDS & CERTIFICATIONS

2nd Place — UzhNU Startup Competition "Startup – UzhNU: Forward to Innovation!" 2024
Backend Development Certificate — Astound Commerce 2021
Claude Academy: Claude Code 101 & Claude Code in Action — Anthropic 2026

EDUCATION

Uzhhorod National University **Uzhhorod, Ukraine**
Bachelor's Degree in System Analysis September 2022 - June 2026