



ERIK KARÁSEK.

ANALYST / TESTER · DEVELOPMENT & AI · IT
SUPPORT

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PORTFOLIO

■ PROFILE

An IT professional who loves building things, from web apps to automations, and making full use of AI while doing it. I currently work as an analyst / tester on the international ENTSO-E Transparency Platform project at Unicorn. AI is my main interest: I follow where it's heading and use it for coding, debugging and learning new technologies. I have a background in IT support (L1 helpdesk, Active Directory, remote administration) and I'm looking for a role that brings together tech, development and AI.

■ EXPERIENCE

ANALYST / TESTER

July 2026 – present

Unicorn · ENTSO-E Transparency Platform project · Hradec Králové (hybrid)

- Writing test cases for data extensions of the platform.
- Testing on the DEV environment and verifying features against the specification.
- Working in Jira: managing and tracking tickets, documenting the process.
- Reviewing scenarios together with senior testers and the project lead.

ICT TECHNICIAN L1

April 2026 – June 2026

BEDNAR FMT s.r.o. · Rychnov nad Kněžnou

- First-level user support: taking, resolving and closing incidents in JIRA.
- Diagnosing and fixing hardware faults, replacing components (RAM, SSD, peripherals).
- Preparing and configuring new Windows workstations, joining them to the domain via Active Directory.
- Remote administration and troubleshooting over RDP / TeamViewer.
- Tracking and maintaining IT equipment, managing the hardware stock.

CUSTOMER CARE SPECIALIST

December 2025 – February 2026

T-Mobile Czech Republic a.s. · Hradec Králové

- Phone support for customers, handling technical and contract requests.
- Working with telecom devices, rate plans and internal CRM systems.
- Proactively offering products and services, meeting sales targets.

INTERNSHIP – 3D GRAPHICS

2024

Erasmus+, Germany

- Creating 3D models and simple animations in Blender.
- Working with textures, lighting and exporting models for digital design.

PART-TIME CREW MEMBER

June 2020 – January 2024

McDonald's · Hradec Králové

- Serving customers and preparing orders in a fast-paced environment.
- Teamwork, reliability and flexibility on shifts alongside my studies.

■ PERSONAL PROJECTS

■ KEY TECHNOLOGIES

React Node.js JavaScript
Python Java REST/JSON API
Cloudflare Workers Supabase
Jira Git AI tools

■ STRENGTHS

Fast learner, self-driven

I find my way around new technologies and processes quickly.

AI-first

I use AI every day to build faster and better.

Reliable, detail-minded

I see things through to the end.

Love to build

in my free time I take my own projects from idea to deployment.

■ SKILLS

AI

Claude, Gemini CLI and more; coding, debugging, data analysis, learning.

Programming

Node.js, Python, Java, React; web scraping, JSON/REST APIs, data structures.

Cloud & web

Cloudflare Workers, REST API integrations, client-side apps.

Software testing

Test cases, test scenarios, DEV environments, Jira.

IT support

L1 helpdesk, ticketing (JIRA), incident escalation.

Systems

Windows 10/11, Active Directory basics, RDP, TeamViewer, LAN/Wi-Fi troubleshooting.

Hardware

Fault diagnosis, component replacement, workstation inventory.

NEXUS GRIND

2026

github.com/ErikKarasek/nexus-grind-releases • Case study: erikkarasek.cz/nexus-grind

- Cross-platform productivity tracker (tasks, habits, projects, sleep/wellness) with a gamified companion tree and an AI Coach.
- Desktop (React + Vite + Tauri) and mobile (React Native / Expo), shared domain logic with unit tests, CS/EN localisation.
- Local-first with optional cloud sync via Supabase; pnpm monorepo, CI/CD builds the Windows installer, macOS app and Android APK.

LOLSTATS

2026

lolstats.erikkarasek2005.workers.dev • Case study: erikkarasek.cz/lol-stats

- Personal web app for League of Legends stats: match history, champion performance, win rate, KDA, tier list.
- Deployed on Cloudflare Workers, all data processed client-side.
- Riot Games API integration (Match v5, Summoner v4, League v4, Account v1, Data Dragon).

MONSTER-WATCH

2026

monster-watch.onrender.com • Case study: erikkarasek.cz/monster-watch

- Web app that tracks energy drink availability in stores across the Czech Republic.
- Automated price tracking and comparison of the cheapest options.
- React Native (Expo) app, Python (Flask) backend, web scraper, JSON API.
- Built with AI tools (Claude, Gemini CLI): coding, debugging, optimisation.

JOB TRACKER

2026

job-tracker-10s.pages.dev • Case study: erikkarasek.cz/job-tracker

- Kanban tool for tracking job applications: a card per role, moving wishlist → applied → interview → offer/rejected.
- Stats built on the history of stage changes: a funnel by stage, a per-day timeline and a watch on applications with no activity.
- React 19 + Vite + Tailwind v4, REST API in Hono as a Cloudflare Pages Function, data in Cloudflare D1; TypeScript with shared types, one deploy for the site and the API.

SUBSCRIPTION TRACKER

2026

github.com/ErikKarasek/subscription-tracker • Case study: erikkarasek.cz/subscriptions

- Subscription overview: spend by category, what was actually paid over time, and a watch on upcoming payments and unused services.
- A Cloudflare Worker with static assets serves the site and a Hono API, and a daily cron trigger rolls payments forward and sends email through Resend.
- Data in Cloudflare D1; payment screenshots imported through a vision model on Cloudflare Workers AI, currencies converted at ECB rates.

3D graphics

Blender: modelling, texturing, basic animation.

■ EDUCATION

Information Technology and Economics (school-leaving exam)

T. G. Masaryk Business Academy,
Kostelec nad Orlicí
2021 – 2025

Primary school

Týniště nad Orlicí
2011 – 2020

■ LANGUAGES & MORE

English

B2, Cambridge English First (FCE)

Driving licence

category B

Interests

PC hardware and builds, AI and new tech, fitness, fashion and style