Jan Kopecký



Senior Full-Stack Engineer · AI & Automation

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PROFILE

Full-stack engineer with 10+ years in software. I build web applications, automations and integrations end-to-end, from data collection and processing through backend to UI, and use AI both in the products and in my development workflow. Comfortable turning business requirements into specifications and working software.

SKILLS

AI coding	Claude Code (subagents, hooks, project rules), OpenAI Codex, Google Antigravity
LLMs & APIs	Anthropic Claude, OpenAI GPT, Google Gemini, LLM workflows, prompt design, token & cost control
Automation	REST APIs, webhooks, third-party integrations, data mining
Frontend	Vanilla JS, TypeScript, React, Next.js, Vite, Tailwind CSS, HTML, CSS
Backend	Node.js, Python, SQL, MySQL, PostgreSQL
CMS	WordPress VIP, Joomla, Tridion
Analytics	Google Tag Manager, Google Analytics, Tealium
CI/CD & DevOps	Git workflow, GitHub Actions, Bitbucket Pipelines, Docker, automated testing & linting, Linux servers
Working	GitHub, JIRA, Bitbucket, Confluence

EXPERIENCE

Freelance Developer, AI Automation & Custom Software 2024 - present
Self-employed, Czech Republic, remote

- Build custom web and mobile applications, automations and integrations for clients.
- Collect, clean and normalize data from multiple web sources and APIs; deliver it to client databases, Google Sheets or other systems.
- Develop and run my own subscription SaaS for real estate market monitoring: data pipeline, frontend, backend and e-mail notifications.
- Integrate LLMs (Claude, OpenAI APIs) into products and workflows while keeping token and automation costs under control.
- Develop in Claude Code set up like an agile team: subagents for planning, development, QA and security, hooks for automated checks.
- Write business analyses and technical specifications for developers, and short summaries for managers.

Senior Frontend Developer 2018 - 2024
MSD IT Global Innovation Center, Prague

- Developed customer-facing pharma websites for the UK, French, Italian and Spanish markets (Tridion CMS, custom code via GitHub).
- Migrated data, content and custom code from Tridion CMS to WordPress VIP.
- Built registration and login flows, including social login, on Akamai Identity Cloud based on business requirements.
- Implemented analytics tracking with Tealium and Google Tag Manager.
- Worked in 14-day Scrum sprints with JIRA and Confluence in an international team.

HR Systems Specialist & Business Analyst 2015 - 2018
Česká pojišťovna a.s., Prague

- Business analysis and requirements for SAP HR data and a new LMS; SharePoint and WordPress intranet development.

IT Support (L1-L2) 2012 - 2015
Ministry of the Environment of the Czech Republic, Prague

EDUCATION & LANGUAGES

Ing., Security Technologies, Systems and Management 2017 - 2019
Tomas Bata University in Zlín, Faculty of Applied Informatics

Bc., Software Technologies and Management 2011 - 2015
Czech Technical University in Prague, Faculty of Electrical Engineering

Languages: Czech (native) · English (C1) · German (A2)