

Alex Shchypak

Full-Stack Developer & AI Engineer

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Location: Valencia, Spain (open to remote work)

PROFESSIONAL SUMMARY

Full-Stack Developer and AI Engineer with 20+ years of experience delivering web applications, AI integrations and automation that create measurable business value. I design and ship end-to-end solutions — from IT strategy and architecture to production code, deployment and support — and build long-term partnerships with clients and stakeholders. Currently focused on LLM-powered products: OpenAI and Open WebUI integrations, Retrieval-Augmented Generation (RAG), AI model fine-tuning and n8n automation pipelines.

SKILLS

AI & Automation: OpenAI API, Open WebUI, Retrieval-Augmented Generation (RAG), AI Model Fine-tuning, Prompt Engineering, n8n, Python, Redash, AI Slack Bots

Frontend: JavaScript, TypeScript, React, Next.js, Svelte / SvelteKit, Flutter / Dart, Mantine, Tailwind CSS, CSS / SCSS

Backend & CMS: PHP, Laravel, Livewire, WordPress, Roots / Bedrock, ACF, WooCommerce, WPML / Polylang, REST API Design, Zoho Deluge

Databases & DevOps: MySQL, Database Migrations, Docker, Git / GitLab, AWS, Vercel, CI/CD, Caching & Performance

Practices & Tools: Scrum / Agile, Technical SEO, Core Web Vitals, Jira / YouTrack / Redmine, Figma, Wireframing & Prototyping, Adobe Photoshop / Illustrator

WORK EXPERIENCE

Artificial Intelligence Engineer — MGID

Santa Monica, USA (remote) | May 2025 – Present

- Deployed, configured and maintain a company-wide Open WebUI platform that gives internal teams secure access to AI assistants.
- Design and implement OpenAI and Open WebUI API integrations, connecting LLMs to internal tools and data sources.
- Build Retrieval-Augmented Generation (RAG) pipelines and fine-tune AI models for domain-specific tasks.
- Develop n8n automation workflows, AI-powered Slack bots and YouTrack workflow automations that remove repetitive manual work.
- Develop REST API services and Redash integrations in Python and JavaScript for analytics and reporting.

Key skills: Python, JavaScript, OpenAI API, Open WebUI, RAG, n8n, REST APIs, Redash, Slack bots

VP of Information Technology — Nimdzi Insights

Seattle, USA (remote) | May 2020 – Present

- Developed and executed an IT strategy roadmap aligned with business needs and long-term company goals.
- Led the design and implementation of secure, scalable IT infrastructure covering software, networks and cloud solutions.
- Identified and adopted innovative technologies, including AI tooling, to improve operational efficiency and user experience.
- Oversee the development and maintenance of all company websites and web applications, ensuring security, usability and alignment with business objectives.

Key skills: IT Strategy, Project Management, Data Analytics, Cloud Infrastructure, Web Development

Full-Stack Web Developer — MultiLingual Media

Sandpoint, USA (remote) | Dec 2017 – Present

- Develop and maintain the publication's websites and web applications, optimizing performance for speed and responsiveness.
- Collaborate with UI/UX designers to turn design mockups into functional, accessible interfaces.
- Deploy and maintain applications on cloud platforms (AWS); perform database migrations and CRM integrations.

Key skills: Vue, MySQL, CRM Integrations, Material UI, AWS

Full-Stack Web Developer — Nimdzi Insights

Seattle, USA (remote) | Dec 2017 – May 2020

- Built and maintained websites, web applications and mobile apps with React, Vue, Flutter and WordPress.
- Designed secure, scalable back-end APIs and integrated third-party CRMs.
- Deployed and operated applications on AWS; optimized performance for speed and responsiveness.

Key skills: React, Vue, Flutter, WordPress, API Development, AWS

Full-Stack WordPress Developer — MGID

Santa Monica, USA (remote) | Feb 2016 – May 2025

- Developed custom WordPress themes and plugins on a modern stack (Roots, Bedrock, Blade, ACF, Polylang).
- Optimized website performance, implemented caching and collaborated with UI/UX designers on new features.
- Maintained GitLab-based workflows for versioning, review and deployment.

Key skills: PHP, MySQL, ACF, Roots, Bedrock, Blade, Polylang, GitLab

Full-Stack WordPress Developer — Translationrating

Prague, Czech Republic (remote) | Dec 2014 – Oct 2023

- Developed and maintained custom WordPress themes and plugins for an industry ranking portal.

- Optimized website performance and implemented API integrations.
- Deployed and maintained the platform on OVH cloud hosting.

Key skills: PHP, MySQL, ACF, API Integrations, OVH

Web Developer — Integros

Kyiv, Ukraine | May 2015 – Feb 2016

- Developed WordPress themes and optimized websites for search engines (technical SEO).
- Collaborated with UI/UX designers to translate mockups into functional web pages.

Key skills: PHP, MySQL, SEO, GitLab, Theme Development

Web Developer — Foxtrot

Kyiv, Ukraine | Oct 2013 – Apr 2015

- Led the full website lifecycle for a major electronics retailer — from design concepts to development, deployment and maintenance.
- Designed and developed a website redesign that increased product sales by 15%.
- Created web ads, banners and e-newsletters that drove targeted traffic and user engagement.

Key skills: ASP.NET, UI/UX, SEO, Web Design, E-commerce

Technical Analyst — DTEK

Mariupol, Ukraine | Jul 2012 – Oct 2013

- Analyzed sales data, inventory levels and supplier performance; produced reports and data visualizations that informed decision-making.
- Identified and resolved technical issues in supply chain optimization and inventory management.

Key skills: Data Analytics, Excel, AutoCAD, Reporting, Visualization

QA Engineer — HBM Virtual World Co. Ltd

Remote | Feb 2007 – Aug 2012

- Performed manual testing of browser applications, ensuring functionality across browsers and devices.
- Managed multiple testing projects concurrently, tracking defects and test cases in Jira.

Key skills: Manual Testing, Jira, Cross-browser Testing, SQL

Technical Support Engineer — Novoplay

Remote | Feb 2007 – Aug 2012

- Prepared user guides, FAQs and training sessions that enabled customer self-service.
- Analyzed customer feedback to identify recurring issues and drive product improvements.
- Monitored system performance proactively to minimize customer impact.

Key skills: Documentation, Jira, SQL, Customer Support

SELECTED PROJECTS

Adskeeper (February 2024): Advertising platform website built on a modern WordPress stack.
Technologies: WordPress, Blade, Roots, Bedrock, ACF, Theme Development.

Gammicks (June 2019): High-traffic gaming media website with AMP support. Technologies: WordPress, ACF, AMP, TypeScript, Theme Development.

Instanthub (November 2017): News website with a custom WordPress theme. Technologies: WordPress, ACF, Theme Development.

Growing Digits (September 2016): SEO agency website with Zoho CRM integration. Technologies: WordPress, Zoho CRM Integration, Theme Development.

Memsorce (September 2015): Multilingual corporate website for a translation technology company. Technologies: Drupal, Multilingual Integration, Theme Development, SendGrid.

Rotanga (August 2015): Multilingual WooCommerce online store with SEO optimization. Technologies: WooCommerce, SEO, Multilingual Integration, Theme Development.

Molto! (September 2014): WooCommerce online store with AMP support and SEO optimization. Technologies: WooCommerce, SEO, AMP, Theme Development.

EDUCATION

Master of Engineering, Electromechanical Automation Systems

National University of Shipbuilding (Full-time study)

LANGUAGES

- English: Advanced (C1)
- Polish: Upper-Intermediate (B2)
- Spanish: Basic (A2)
- Russian: Native
- Ukrainian: Native