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TECHNICAL SKILLS

AI & Agents
Agent design, training and deployment, LLM integration (Gemini, OpenAI), structured outputs, tool and action layers, vision and transcription pipelines, prompt engineering

Frontend
React, TypeScript, JavaScript, HTML & CSS, Three.js, responsive UI

Backend
Python, Django & DRF, PHP, Laravel, Node.js, REST APIs, GraphQL

Databases
PostgreSQL, MySQL, schema design, query optimisation

CMS & Ecommerce
WordPress, WooCommerce, Shopify

Infrastructure
Docker, Linux, VPS provisioning, CI/CD, cloud deployment, production monitoring

Payments & Integrations
SEPA, wire, ACH, RTP, banking APIs, NMI, Stripe, Moneybird, OAuth, webhooks, Meta Marketing API & Conversions API

Workflow
Git, code review, technical documentation, AI-assisted development (Claude Code, Codex)

ANDREJ SPASOV

FULL-STACK SOFTWARE ENGINEER · AI AGENTS, WEB & MOBILE APPLICATIONS

PROFILE

Full-stack engineer with **7+ years** building and shipping web and mobile applications end to end. I **design, train and deploy AI agents that take real actions in production**, from nutrition and fitness coaching to Meta ads compliance, and I build the systems that hold them: React and the wider JavaScript ecosystem on the front, Python/Django and PHP/Laravel on the back, PostgreSQL and MySQL underneath, WordPress where it fits, Docker around all of it. Most of what I have built is commercial software with real funds moving through it: payment reconciliation infrastructure, ecommerce, subscription and SaaS platforms with payment processing, authentication and third-party integrations wired in. I am comfortable owning a feature from schema design through to the interface and into production support, and I ship side projects continuously to stay current on what my day job does not cover.

EXPERIENCE

Software Engineer

Aug 2025 – Present

ROAS Labs · Skopje / Remote

- Built the **client funding and reconciliation system** end to end: deposits by SEPA, wire, ACH and RTP are matched to a unique reference code, and a banking API integration credits the client's virtual wallet automatically the moment funds land.
- Automated billing through the **Moneybird API**, generating and issuing the invoice as soon as a deposit settles.
- Built bidirectional transfer flows between client wallets, provisioned advertising accounts and Business Managers through platform APIs.
- Designed, trained and shipped an **in-portal AI agent** that pulls a client's live ad from the campaign and ad set over the API and recommends changes that keep the creative compliant and avoid account restrictions.
- Built an **automated compliance layer** that pauses advertising automatically when non-compliant creative is detected.
- Build and maintain **server-side tracking infrastructure**: Meta Conversions API integrations, event pipelines and attribution across client ecommerce platforms.
- Diagnose and fix payment, tracking and integration failures in production, from the browser event layer down to server-side delivery.
- Work directly with clients to understand their requirements and turn them into portal, backend, frontend and interface work, and write the documentation and SOPs the development team builds from.

Full-Stack Developer

Mar 2019 – Aug 2025

Auvoria Prime · Remote

- Built and maintained web applications across the stack with **React, Node.js, Python/Django, PHP/Laravel and MySQL**.
- Delivered ecommerce, membership, subscription and SaaS platforms with integrated **payment processing, CRM and authentication**.
- Integrated WordPress with WooCommerce, and WooCommerce with **NMI and Stripe** for card processing.
- Built **VPS provisioning** into the front end and back end so clients could run the firm's automated forex trading software.
- Owned features end to end: solution design, implementation, deployment strategy, testing, troubleshooting and production support.
- Led technical discovery with clients to define scope before build, and bridged clients, support, product and engineering to surface technical risk early.

EDUCATION

Brainster Full-Stack Academy
Computer Science & Full-Stack Development
2023 – 2024 · GPA 4.0 / 4.0

Goce Delchev University
B.Sc. Computer Science & Informatics
2015 – 2019 · GPA 3.8 / 4.0

LANGUAGES

English	C2 / NATIVE
Macedonian	NATIVE
Serbian	FLUENT
Croatian	FLUENT
German	BASIC

WHAT I BRING

Agents that act
I build AI that does things rather than just answers, with the guard rails that make that safe in production.

End-to-end ownership
Comfortable taking a feature from database schema to deployed interface without hand-offs.

Money-grade integration
Years of wiring payment providers, banks and third-party APIs into systems that cannot quietly fail.

Client-facing engineering
I run the conversation with the client myself and turn what they need into scoped technical work.

AVAILABILITY

Open to remote roles across European time zones.

EXPERIENCE (CONTINUED)

Technical Onboarding & Support Engineer

Jan 2024 – Apr 2025

DoneForYouKDP Reviews · concurrent, part-time

- Handled technical onboarding and implementation support for new clients, covering account configuration and tracking setup.
- Debugged client-side implementation and tracking issues over live sessions.
- Produced tutorials, walkthroughs and onboarding documentation used across the client base.
- Troubleshot **Meta ad account API connections** across different portals, diagnosed Meta Pixel failures, and integrated **Shopify with the Conversions API and Pixel** for clients.

SELECTED PROJECTS

InsightPilot AI

Solo build · in progress

Multifunctional AI platform built from scratch, launching with nutrition and fitness training and designed to extend into further verticals. An AI agent handles logging from text, voice or photo, proposing structured actions that only execute once the user confirms them, alongside a deterministic coaching engine that estimates true daily expenditure from intake and a smoothed weight trend.

Stack: Python, Django, REST APIs, PostgreSQL, mobile client, Gemini and OpenAI, third-party integrations

Scroll-Driven 3D Product Site

Front-end build

Cinematic marketing site where scroll position drives a live 3D camera rig rather than playing video, so the camera moves, the model animates and copy reveals in sync, reversing cleanly on scroll back. Representative of how I approach modern homepages and landing pages, combining hand-written graphics code with AI tooling (Claude Code, Codex, Higgsfield) to reach a current standard of finish quickly.

Stack: Three.js / WebGL, GLSL shaders, GSAP ScrollTrigger

Multi-Tenant Marketing SaaS

Architecture study

Rebuilt a marketing analytics portal from scratch as a self-directed architecture exercise. Focus areas were Meta Marketing API integration, multi-tenant authorisation patterns, and agent tool-use loops built on the Anthropic SDK.

Stack: Python, Anthropic SDK, Meta Marketing API, multi-tenant auth

HOW I WORK

Ship, then refine
I would rather get something working in front of people early than polish in isolation.

Read the system first
Before changing a codebase I map how it actually works, not how it is documented.

Write things down
Documentation and clear handoff notes are part of the work, not an afterthought.

Stay reachable
Available through delivery for questions, not just at the point of handover.