

Cover Letter - AI - Tarcsi Patrik Péter (+36 30 014 8822 | patriktarcsi@gmail.com)

Dear Hiring Manager!

Nowadays, artificial intelligence takes up—or rather, adds to—a significant portion of my days. To me, AI as a concept is the executor of the unfulfilled ideas of my creative side, and my personal time manager in both a direct and indirect sense. I definitely envision my future in the AI sphere, and it heavily intertwines with my present as well. Almost every night, I go to bed after checking what new innovation, model, or solution was released that day. I gladly welcome AI internship opportunities, as they allow me to further develop myself in this field and learn new things in a corporate environment.

(Sidenote: I intentionally hid a few signs of AI usage in this letter—whether it's ChatGPT's love for the em dash, or the distinctive sentence structures of Claude models. These will surely stand out to a huge AI fanatic. 😊)

I am currently a first-year Computer Science Engineering student at the John von Neumann Faculty of Informatics at Óbuda University. In the world of AI, I am a bit further along than this. I use a lot of AI tools, constantly experiment with them, test their limits, and try to create solutions for real-world problems using them. For complex codebases, I prefer Claude models; for prompting, I generally call upon ChatGPT; if analysis is needed, definitely Gemini; for research, Perplexity; and for limit testing, DeepSeek. My list is very long: Ollama, Trae, Zed, Kiro, Cline, Roo Code, Pipedream, N8N, Make.com, Zapier, Gemini CLI, and many more, most of which I list at the bottom of this cover letter. The aforementioned tools also assist many of my personal coding projects, including a recently completed, full Next.js, animated, SEO and performance optimized, mobile-first design website for a friend's business. AI solutions helped a lot with this.

I would mention two of my own hobby projects. A good friend of mine sells music beats on online platforms; for him, I created an N8N automation workflow that uses AI integration to send personalized emails and recommendations to all his clients based on records from an Excel spreadsheet. This saved him hours of time and increased his traffic through the recommendations. The other project I would mention was a WhatsApp group automation with bot integration for an acquaintance who was interested in such a solution. It retrieved freight service order information from a mockup API, then calculated optimal routes and times using external APIs and AI, and subsequently forwarded them to the appropriate WhatsApp groups. This project provided really deep insight into the possibilities of N8N and Make.com, and saved my acquaintance a lot of logical planning and time.

I would list my programming knowledge as an advantage; here I can rely on my Python fundamentals acquired in high school and my software developer and tester professional exam (which resulted in 95%), but you will find more precise information about this in my CV.

My AI skills include various prompting techniques, lesser-known AI models (Kimi K2, GLM 4.5, Qwen, Grok), orchestrating subagents, BMAD method agent programming, rules and instructions-based prompt engineering, as well as integrating and installing MCP servers. When testing models, I often deal with creating ethical jailbreak prompts, thereby testing the model's security and mechanisms. I frequently try out visual or audio-based models and those dealing with their generation, or opensource models available on Hugging Face.

I would be delighted to introduce myself to you and assist your company and team with my knowledge.

And finally, the promised tools and technologies I use: Claude, Gemini, Perplexity, ChatGPT, DeepSeek, Qwen, Microsoft Copilot, GLM 4.5, Kimi K2, Elevenlabs, N8N, Make.com, Zapier, Pipedream, Seedance, Seedream, Grok, Ollama, Flux, Kling, Hugging Face, GitHub Copilot, Gemini CLI, Claude Code, Qwen Code, Kiro, Zed, Trae IDE, Google AI Studio, Lovable, Bolt, Vercel VO, Augment Code, Cline, Roo Code, Kilocode. This is constantly expanding.

Sincerely,
Tarcsi Patrik Péter