Michał Białek

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I specialize in working with n8n, creating custom plugins, expanding the architecture with new nodes, and improving existing solutions. I am proficient in Python (Sanic, Flask) and have experience in building microservices, integrating with language models, as well as process automation and web scraping. I support clients during the planning stage of implementations and product development, tailoring solutions to their needs and requirements.

Professional Experience

02.2025 – 09.2025 (7 months)
■ **Finboty** | Agentic | Warsaw

Short description:

Creating and optimizing workflows in n8n, integrations with various services (including Microsoft Graph API), preparing prompts and adapting LLMs for classification and data extraction. Implementing logic in Python and JavaScript for data processing in workflows, as well as developing microservices that support communication with n8n (e.g., a service for adding text to documents, email handling).

03.2024 – 02.2025 (11 months)
■ **BlueBox** | IBPM | Warsaw

Short description:

Development of services and microservices in Python (Sanic) using data processing libraries. Working with queuing systems and ESB to automate processes. Database management and integration (PostgreSQL, Elasticsearch, Redis). Experience with containerization (Docker), version control system Git, and Linux environment (terminal). Debugging and testing applications, including writing unit tests.

07.2022 – 02.2024 (1 year 8 months)
■ **ESB Developer / Developer integracji** | IBPM | Warsaw

Short description:

Development and maintenance of flows in IBM App Connect Enterprise Toolkit 12 (ESQL). Integrations based on SOAP, REST, and queuing systems, working with XML/XSD, debugging, and testing scalable flows. Collaboration with architects, preparing documentation, and implementing best practices for performance and security. Working with Git in a Scrum team, with direct client communication.

Key Skills

- **Backend:** Python (Sanic, Flask), ESQL, Node.js, SOAP/REST integrations, queuing systems, microservices
- **Frontend:** JavaScript (React, Next.js), working with DOM/HTML, scraping and data extraction
- **Integrations / ESB:** n8n (plugin development, flow optimization), IBM App Connect Enterprise Toolkit 12, SOAP/REST integrations, message queues
- **Working with LLMs:** ChatGPT, Gemini, Claude, Mistral (prompt engineering, classification, data extraction)
- **Databases:** PostgreSQL, Elasticsearch, Redis, SQL
- **DevOps / Tools:** Docker, Kubernetes, Git, Linux (terminal)
- **Other:** process automation, web scraping, debugging and testing applications, preparing technical documentation