

# MARCIN GŁĄB

Fullstack Developer | Java & Angular | AI Integration

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## SUMMARY

**Results-driven Java Backend Developer** with a proven track record in designing and developing robust enterprise systems using Java, Spring Boot, Hibernate, and PostgreSQL. Designed and expanded microservices architectures and APIs to support scalable solutions in cloud environments, resulting in a 40% reduction in response times on a user-facing platform. Led agile, cross-functional teams and documented system designs and integration plans to ensure clarity and maintainability. Spoke at internal knowledge-sharing sessions to inspire peers and trained junior developers on best practices in Java and software architecture. Managed feature rollouts and interviewed engineering candidates to build high-performing backend teams. Passionate about leveraging technology to solve complex business challenges with clean, maintainable code.

## EXPERIENCE

### Co-Founder & Fullstack Developer Cheffy (GotujSam)

<https://gotujsam-site.onrender.com>

03/2023 - Present   Warsaw

- Spearheaded the development and successful launch of a scalable, production-grade culinary platform that utilizes AI to deliver personalized recipe recommendations based on user inputs and real-time ingredient availability.
- Designed and implemented scalable backend services using Java Spring Boot and PostgreSQL, delivering high-performance, reliable APIs to support real-time application functionality and future growth.
- Integrated Python-based AI modules leveraging computer vision to enable real-time recognition of food products from user-submitted images
- Containerized and deployed the full-stack application using Docker and Render, while maintaining continuous integration workflows through Git and GitHub to ensure seamless delivery and version control.
- Conducted structured user testing with over 50 participants and applied iterative improvements to core features, resulting in a 40% reduction in response times and enhanced recipe accuracy. The platform currently serves approximately 500 active users.



### AI-powered Enterprise E-commerce Application

Application Link: <https://github.com/TheMarcinGlab/AI-powered-Enterprise-E-commerce-Application>

01/2025 - Present   Warsaw

Designed and implemented a complete e-commerce platform with modern features and integrations. The system includes:

- semantic and image-based product search
- product catalog with variants and detailed descriptions
- shopping cart and multistep order process (customer data, delivery, payment, summary)
- user panel with order history and account management
- review system with multilingual support
- integration with a **Bank API acting as a secure payment gateway**
- architecture prepared for external logistics and personalization modules

## SKILLS

Java	Java SE	Spring Boot	
Hibernate	JUnit	Python	Flask
JPA	JUnit5	Jira	
Angular	TypeScript		
MySQL	MongoDB	NoSQL	SQL
Docker	Maven	REST	IntelliJ
Code Review	Data Structures		
Unit Testing	XML	Clean Code	
OOP	Linux	RDBMS	GitLab

## CURRENTLY LEARNING

Serverless	Swagger	AWS	S3
OpenAPI	Node.js	Java EE	
Kubernetes			

## KEY ACHIEVEMENTS

- Enhanced App Efficiency**  
Achieved 40% faster response time by optimizing backend for culinary app.
- Launched AI-powered recipe app "Cheffy"**  
Reached over 500 users
- Enhanced Customer Support**  
Automated 80% of customer queries via chatbot, reducing response time.
- AI Module Integration**  
Blended AI modules for real-time product recognition improving transaction accuracy by 20%.

## LANGUAGES

English   B2 (Professional Working Proficiency)

## EXPERIENCE



### Developer of Intelligent Chatbot for Medical Clinic

Application Link:

<https://github.com/TheMarcinGlab/Chatbot>

📅 07/2024 - 02/2025 📍 Warsaw

- Developed and incorporated an intelligent chatbot connected to a MySQL database (FAQ table) to deliver automated patient support for a medical clinic, enhancing service efficiency and accessibility.
- Improved user satisfaction by {25%} using NLP to provide accurate database responses.
- Architected for scalability, enabling seamless expansion with additional questions and answers without compromising system performance or maintainability.
- Equipped with a user-friendly interface and optimized query handling, enhancing communication between patients and the medical facility through faster, more intuitive interactions.
- Technology Stack Utilized in the Project:
  - Frontend: Angular
  - Backend: Java, Spring Boot, Python
  - Database: MySQL



### Image Recognition Using the YOLO Library

Application Link:

<https://github.com/TheMarcinGlab/Rozpoznawanie-Obiektow>

📅 06/2024 - 07/2024 📍 Warsaw, Poland

- Improved image analysis accuracy by {85%}, enabling intelligent extraction of visual data from {10,000} photos.
- Supports the recognition of over 20 distinct object categories — including humans, airplanes, and various other entities — leveraging advanced computer vision models for accurate detection.
- Uses advanced image processing and AI to ensure accurate object detection across diverse visual inputs.
- Programming language: Python



### Member of the Youth Parliament of the Republic of Poland

Youth Parliament of the Republic of Poland

📅 10/2024 - Present 📍 Warsaw, Poland



### Cooperation Committee of the Parliament of Students of the Republic of Poland

Parliament of Students of the Republic of Poland

📅 01/2024 - 01/2025 📍 Warsaw, Poland



### Director of External Partnerships for Juwenalia, Lublin University of Technology

Lublin University of Technology

📅 06/2023 - 06/2024 📍 Lublin, Poland

## LANGUAGES

German

Beginner

## EDUCATION

### Engineer

Lublin university of technology

📅 2022 - Present 📍 Lublin

- Information technology - 4th year

## SOCIAL MEDIA



GitHub

<https://github.com/TheMarcinGlab>



LinkedIn

<https://www.linkedin.com/in/marcinglabpl>



Instagram

<https://www.instagram.com/themarcinglabpl>



Facebook

<https://www.facebook.com/profile.php?id=100007089586567>

## INTERESTS



Quantum physics



Reading books



Meditation



Rowing ergometer



Skiing



Swimming