

MATEUSZ WICHA

AI ENGINEER | FULL-STACK DEVELOPER | AI AGENT DEVELOPER

PROFESSIONAL SUMMARY

AI/ML Developer and Software Engineer with 8+ years of experience delivering production-ready intelligent systems. Skilled in Voice AI Agents, Chatbots, Automation, Computer Vision. Proven track record applying these skills across industries—optimizing traffic prediction for smart cities, enhancing medical diagnostics, building recommendation engines for e-commerce, developing generative AI for entertainment, and creating sports analytics pipelines. Focused on turning cutting-edge AI/ML research into scalable, high-impact business solutions.

Phone:
+1 (773) 595-7306

Email:
snowleo1342@gmail.com

Address: 1416 North Boro Lane, Mount Prospect, IL 60056, United States

WORK EXPERIENCE

Senior Software Engineer | Sep, 2024 - Present

Upwork

- Designed and deployed end-to-end Voice AI Agents using LiveKit, Retell AI, Vapi, and Twilio, integrating real-time STT, LLM based dialogue management, and natural TTS responses to handle dynamic phone conversations, automate customer service workflows, and connect seamlessly with CRM and backend APIs through n8n and webhooks for data synchronization and task automation.

AI Developer | Feb, 2022 - Aug, 2024

Huddle

- Developed AI-powered platforms to optimize business workflows and customer interactions, utilizing machine learning models and cloud infrastructure for scalable solutions.
- Designed and deployed machine learning models for NLP and computer vision, creating predictive analytics and AI-driven recommendation systems that enhanced e-commerce operations and increased user engagement.

AI Developer | Nov, 2019 - Aug, 2021

Harmonic

- Designed an AI-based dynamic routing and pricing model to optimize ride assignments during high-demand periods. Leveraged machine learning to forecast demand, balance driver availability, and adjust prices dynamically, improving operational efficiency and user satisfaction. Implemented predictive analytics pipelines using Python, TensorFlow, and AWS SageMaker for large-scale data processing.

EDUCATION

Bachelor of Science in Computer Science

Colorado Technical University Jun, 2015 - Jul, 2018

SKILLS

VOICE AI AGENT & AUTOMATION

VAPI RETELL TWILIO ELEVENLABS LIVEKIT N8N ZAPIER MAKE.COM

AI CHATBOT & NLP

STT/TTS RAG GPT CLAUDE LLAMA GEMINI DEEPGRAM MISTRAL MIXTRAL
TOKENIZATION SENTIMENT ANALYSIS WORD/SENTENCE EMBEDDINGS TEXT
CLASSIFICATION TEXT GENERATION CONVERSATIONAL AI PROMPT ENGINEERING

DATATABASE & VECTOR DATABASE

MONGODB POSTSQL SUPABASE FIREBASE FAISS PINECONE CONVEX

COMPUTER VISIOIN

AI VIDEO/AVATAR GENERATION OCR LIPSYNC VISUAL SEARCH IMAGE
CLASSIFICATION/SEGMENTATION OBJECT DETECTION/RECOGNITION GAN-BASED
IMAGE SYNTHESIS

COULD SERVICE

AWS AZURE GCP HUGGING FACE

DATA SCIENCE & ANALYTICS

DATA PREPROCESSING FEATURE ENGINEERING DIMENSIONALITY REDUCTION
STATISTICAL MODELING

FRAMWORK & LIBRARIES FOR DEVELOPMENT

PYTHON FASTAPI FLASK DJANGO NODE.JS REACT REACT NATIVE(EXPO)
JAVASCRIPT TYPESCRIPT EXPRESS NEXT.JS NEST.JS RUNPOD REPLICATE
TENSORFLOW KERAS PYTORCH SCIKIT-LEARN NLTK OPENCV

LANGUAGE

- Polish - Native/Bilingual
- English - Native