

Romeo Alexander

Software Engineer | AI/ML Engineer

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SUMMARY

AI/ML Developer and Software Engineer with 10+ years of experience delivering production-ready intelligent systems. Skilled in Voice AI Agents (Vapi AI, Retell AI, Twilio), Chatbots (RAG, STT/TTS, LLM integration), Automation (n8n, Zapier, Make.com), Computer Vision (AI Avatars, Lipsync, OCR, Visual Search), and Model Deployment (Runpod, Hugging Face, Replicate). 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.

EXPERIENCE

Software Engineer

Self Employed

📅 09/2024 - Present

- Specializing in the development of AI-driven web and mobile applications, with a focus on integrating voice AI agents, AI-powered chatbots, and real-time automation systems using technologies like Twilio, Vapi.ai, and Retell AI.

Software Engineer

DataGuard

📅 03/2023 - 09/2024

- Developed AI-powered platforms to optimize business workflows and customer interactions, utilizing machine learning models and cloud infrastructure for scalable solutions.

AI/ML Developer

Pitch

📅 07/2020 - 03/2023

- 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.

Web/Mobile Developer

Movinga

📅 03/2018 - 07/2020

- Built and maintained high-performance mobile and web applications using React, Node.js, and Swift, focusing on UI/UX optimization and integrating advanced features like payment processing and geolocation services.

Internship – Software Development

SoundCloud

📅 09/2017 - 03/2018

- Assisted in both front-end and back-end development, gaining practical experience with JavaScript, Node.js, MongoDB, and contributing to sprint planning and project delivery.

EDUCATION

Bachelor of Science in Computer Science

Technical University of Munich

📅 09/2014 - 09/2017 📍 Arcisstraße 21, 80333 München

SKILLS

Voice AI Agent and Automation

Vapi.ai

Retell AI

Twilio

Asterisk

11labs

n8n

Zapier

Make.com

AI Chatbot and NLP

STT/TTS

RAG

GPT

Claude

LLaMA

Gemini

Mistral

Mixtral

Tokenization

Sentiment Analysis

Word/Sentence Embeddings

Text Classification

Text Generation

Conversational AI

Prompt Engineering

Computer Vision

AI Video/Avatar Generation

OCR

LipSync

Visual Search

Image Classification/Segmentation

Object Detection/Recognition

GAN-based image synthesis

Data Science & Analytics

Data Preprocessing

Feature Engineering

dimensionality reduction(PCA/t-SNE)

Statistical Modeling

AI Frameworks and Libraries

FastAPI

Flask

Django

Node.js

React

JavaScript

TypeScript

Express

NExt.js

Nest.js

Runpod

Replicate

TensorFlow

Keras

PyTorch

Scikit-learn

Hugging Face

NLTK

LlamaIndex

SpaCy

OpenCV