Goutam Sachdev

AI/PYTHON DEVELOPER

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Profile

Enthusiastic Computer Science graduate from Sukkur IBA University with expertise in Python, machine learning, and deep learning. Experienced in Java and developing practical projects. Currently focused on advanced image analysis and generative AI. Seeking an entry-level role as an ML Engineer or Python Developer to leverage my skills and contribute to innovative technology solutions.

Experience

BitsWits IT Services and Consulting

Python / AI Trainee → promoted to Python Developer *Feb 2025 – Present*

- Enhancing customer service automation by developing AI-powered chatbot agents using Django, LLM frameworks, and tools like LangChain, CrewAI, and LangGraph
- Developing a generative AI chatbot for Shopify and WordPress-based e-commerce stores using LangGraph and FastAPI to enable users to search products and add items to cart via natural language queries; managing structured data in PostgreSQL for real-time product handling and order flow.

Projects

Schedule Assistant: Intelligent Appointment Scheduler

AI-based Scheduling System *Jan 2025 – JUN 2025*

- Automates email-based scheduling using Groq API, Gmail API, and Google Calendar API.
- Uses LangGraph to generate intelligent responses and handle scheduling conflicts.

Goti: Advanced Voice Assistant Using LLaMA 3

AI-powered Conversational Assistant *Jul 2024 – Aug 2024*

- Implemented a real-time voice-to-text assistant using LLaMA 3.
- Designed a custom deep learning synthesizer for precise transcription.

WristMinder Pro: Pediatric Wrist Analysis - Final Year Project

Medical AI System *Jun 2023 – May 2024*

- Developed an automated pediatric injury report system with ML/NLP using Python and deep learning.
- Collected and preprocessed 800 x-ray images; integrated IDEFIC model and GPT/BERT for AI-generated reports.

NEWS Scroll Assistant, AI Using React and Alan AI

Voice-Controlled AI News Portal *Mar 2022 – Apr 2022*

- Built an AI voice-controlled news platform using ReactJS and Alan AI API.
- Enabled hands-free browsing and real-time news scraping from reputable sources.

Education

Sukkur IBA University Sukkur, Pakistan

Bachelor of Computer Science, GPA 3.01 / 4.00 *Sep 2020 – Aug 2024*

- Coursework: Artificial Intelligence, Computer Vision, Web Engineering, Data Structures

Certificates

AI Agents Fundamentals AND Hugging Face Agents Course - Hugging Face

Intermediate Python - DataCamp

Problem Solving Certificate - HackerRank

Skills

Programming: Python, MySQL, C++, JavaScript

Frameworks: OpenCV, PyTorch, Scikit-Learn, Keras, TensorFlow, Django, Flask, ReactJS, Gen-AI, Hugging Face, LangChain, CrewAI, LangGraph

Database Management: MongoDB, MySQL, ChromaDB, Pinecone