

NIKHIL MISHRA

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OBJECTIVE

Results-oriented Dot Net Developer with 2.5+ years of experience in wide area of technologies , Emphasizing proficiency in .net , Python , GenAI Adept at integrating AI tools to drive business efficiency and digital transformation

EDUCATION

Bachelor of Technology, R.G.P.V Bhopal 2019-2023
Electronics and Communication Engineering (7.14 CGPA).

SKILLS

Programming Languages	C-Sharp, Python, SQL
Libraries/Frameworks	.Net ransformers, Pytorch, Langchain, Fastapi
DataBases	Postgresql, Vector Databases, Faiss, ChromaDB, Microsoft Dataverse

EXPERIENCE

Associate Consultant Jan 2023 - Current
Bdo India LLp *Bhopal M.P*

- Developed and maintained scalable backend services using .Net core / Asp.Net to support business operations for a Germany-Based Client.
- Led the No click Dms Agent to Achieve the expertise in Agentic Ai development Using Microsoft Copilot Studio and Power Automate.
- Developed Pipelines for continuos Data flow from Differnt Api Endpoints to Fabric Data Lakehouse Using Pyspark , Pandas and Spark Sql.

PROJECTS

HealthCare Management System. Developed and maintained scalable backend services using .Net core / Asp.Net to support business operations for a Germany-Based Client. Designed and optimized RESTful APIs , ensuring secure and efficient data exchange between services.

AI-Powered Wall Size Estimator. Developed an AI-powered tool using OpenCV and YOLOv10 to accurately detect and measure painted wall dimensions from images or live video feeds. The system leverages object detection and computer vision techniques to automate wall size estimation, reducing manual effort and improving precision for interior design, renovation, and construction applications

CRM tool Development . Developed a full crm system for a life insurance company and other industry companies using .Net , Powerapps , Power Automate,and API Integration , Handled 100+ BRD requests , customized forms, implemented business workflows, migrated data through sql or Csv to D365 using SSIS and Kingsway soft and integrated third party APIs.

AI-Powered Voice-to-Voice Call Center Assistant with RAG and GPT-2 Fine-Tuning. Developed an AI-driven, voice-enabled call center assistant that performs real-time voice-to-voice customer interactions using a fine-tuned GPT-2 model. Integrated LangChain, Transformers, Torch, and other open-source tools to enable Retrieval-Augmented Generation (RAG), allowing the bot to understand queries, fetch accurate responses from internal knowledge bases, and engage in natural, dynamic conversations.

LEADERSHIP

- Led the end-to-end development of multiple AI-powered solutions, including a SaaS-based RAG platform, a no-click Copilot DMS agent, and a YOLOv5-based wall measurement tool. Demonstrated strong ownership, technical leadership, and cross-functional collaboration to deliver scalable, production-ready solutions with real-world impact.