

MOHAMMED NISAR ANSARI

GENERATIVE AI DEVELOPER



ABOUT

- 203, VIRINCHI APPARTMENT
HYDERABAD 500018
- nisar2048@gmail.com
- (709) 780-8320
- niisar

GENERATIVE AI & ML

- Large Language Models (LLMs)
- RAG Architecture
- Data Ingestion Pipelines
- Azure AI Search
- Agentic AI Frameworks
- Chatbot Development
- LangChain LangGraph
- Prompt Engineering
- Fine-tuning Hugging Face
- Natural Language Processing
- Conversational AI
- AI Model Integration
- Enterprise AI Solutions

BACKEND

- .NET NodeJS Python

FRONTEND

- React Angular HTML CSS
- Javascript

DEVOPS

- CI-CD Azure GCP

INTERESTS

- Generative AI Trends
- System Design Insights

SUMMARY

With 12 years in full stack development and specialized expertise in Generative AI, I focus on building intelligent AI solutions using cutting-edge technologies. Expert in .NET, Angular, React, Node, and advanced AI/ML frameworks. Experienced in full-stack AI application development, from model integration to production deployment. Let's explore how my AI expertise can transform your next project.

EXPERIENCE

ENCORA

04/2024 - 10/2025

At Encora, I work in a Lead role for the engineering team developing Generative AI and machine learning solutions. The company focuses on solving complex challenges through advanced technologies including generative AI, cloud-native applications, and intelligent automation systems.

- Architecting and Developing RAG system with Azure AI Search for intelligent document retrieval
- Built custom Agentic Framework enabling autonomous AI decision-making and task execution
- Designed and implemented data ingestion pipelines for large-scale document processing

→ VERTEX AI PLATFORM

GENERATIVE AI DEVELOPER - [04/2024 - 10/2025]

Leading the development of sophisticated AI-powered solutions including data ingestion pipelines for RAG architecture with Azure AI Search, building custom agentic frameworks for autonomous decision-making, and integrating intelligent chatbot systems. Focused on creating scalable, enterprise-grade AI applications that enhance business intelligence and automation capabilities.

- Role: Generative AI Developer
- Tech: Azure AI Search, RAG Architecture, Python, LangChain, OpenAI API, Vector Databases, Agentic AI Frameworks
- Key Projects: Data Ingestion RAG Pipeline, Custom Agentic Framework Development, ChartScope Chatbot Integration
- Focus: RAG Implementation, Autonomous AI Agents, Conversational Intelligence, Enterprise AI Integration

AHEADRACE

03/2021 - 03/2024

AheadRace, founded in 2014 and headquartered in Hyderabad, India, is an IT company that provides a range of system integration solutions. The company offers services like database administration, software test automation, platform and content development, cloud migration, and more. It caters to various industries including agribusiness, retail, fashion, banking, and transportation.

- Specializes in system integration solutions across various industries.
- Offers services in database administration, software test automation, and cloud migration.
- Caters to sectors like agribusiness, retail, fashion, banking, and transportation.

→ ASSESSMENT PLATFORM

LEAD DEVELOPER - [03/2021 - 03/2024]

A leading assessment platform that helps government agencies, businesses, professional associations and academic institutions test and prove knowledge.

- Role: Lead Development
- Tech: .NET, React
- Client: Learnosity

21NORTH EUROP ASSISTANCE

01/2021 - 10/2021

21North, established in 2015 and based in Bengaluru, Karnataka, India, specializes in the automotive sector. The company, known for its innovative approach in the automotive industry, focuses on addressing the challenges faced by vehicle owners. It empowers dealers and workshops with technology solutions to enhance customer experience and achieve important business performance metrics.

- Specializes in automotive services with a focus on technology-driven solutions.
- Operates in multiple cities, providing services to a large number of vehicles monthly.
- Received significant funding, demonstrating strong market confidence in its business model and growth potential.

→ DIGITAL PLATFORM FOR DEALERS, CUSTOMER

REACT DEVELOPER - [01/2021 - 10/2021]

In this project at 21North, my role as a React Developer involved developing and enhancing the digital platform used by automobile service dealers. The platform's key features included automation of estimations, invoicing, and communication to streamline operations and increase transparency. Additionally, I worked on implementing vehicle pick-up and drop services and online payment options. My contributions were pivotal in optimizing dealer operations, enhancing customer engagement through vehicle tracking, and providing 24x7 roadside assistance. The project aimed at elevating the overall vehicle ownership experience and assisting dealers in achieving improved revenue and operational efficiency.

Role: Lead Development
Tech: React, Geographic Information Systems (GIS)
Client: 21North

BPK TECH

04/2018 - 10/2020

BPK Tech specializes in custom software development for the dental industry, focusing on enhancing business operations and patient care for dental practices and DSOs. They provide solutions for practice management, financial reconciliation, insurance eligibility verification, claims tracking, and custom integrations with various Practice Management Systems (PMS).

- Developed custom dental practice management applications, EOB Parsing, and Doctors Compensation Systems.
- Specialized in custom insurance eligibility verification and claims tracking tools for dental practices.
- Offered seamless integration services with popular PMS like Dentrix, Open Dental, and EagleSoft.

→ PEARLY PLAN

LEAD DEVELOPER - [01/2020 - 10/2020]

Pearly Plan is a membership program solution for dental practices. It includes features for managing in-house dental membership programs, aiming to enhance patient loyalty and streamline revenue.

Role: Lead Development
Tech: React, GraphQL, PostgresDB, NodeJS, Google Identity, Paypal, Clearent Payment Gateway.

→ DSO COMPLIANCE

TEAM LEAD - [10/2019 - 01/2020]

DSO Compliance is a healthcare compliance SAAS solution tailored for Dental Service Organizations and their practices. It focuses on maintaining regulatory compliance in the dental healthcare sector.

Role: Team Lead
Tech: Angular, Dot NET Core, SQL Procedures, Hangfire jobs

→ INTERPHASE

SOFTWARE DEVELOPER - [04/2018 - 10/2019]

INTERPHASE is a dental healthcare dashboard designed to improve patient communication, transparency in accounts, and daily operational efficiency in dental practices.

Role: Software Development
Tech: React, Node, GraphQL, PostgreSQL

IPP TECHNOLOGY

07/2016 - 11/2017

IPP Technologies, headquartered in Sydney, Australia, is an established IT services and solutions provider with over 30 years of experience. They specialize in application development, digital transformation, business process outsourcing, and other IT services, focusing on enhancing business performance and operational productivity.

- Over three decades of global experience in IT services and technology solutions.
- Provided innovative and agile services with a focus on long-term productivity and technology utilization.
- Specialized in digital transformation, application development, and business process outsourcing.

➔ APS (ADVERTISEMENT PRODUCTION SYSTEM)

TEAM LEAD - [08/2016 - 11/2017]

APS is a Content Management Solution developed for SB-Media to manage product information, digital assets, design brochures, and oversee marketing campaign lifecycles.

Role:	Software Development
Tech:	Angular, Dot NET Core, MongoDB
Client:	SB-Media

KARANSOFT, HYDERABAD

02/2015 - 07/2016

Karansoft is a professional services company based in Hyderabad, India, specializing in Microsoft technologies. They focus on implementing enterprise technologies such as SharePoint, Windows Azure, Office 365, Windows Phone, and Sitecore, providing end-to-end solutions like corporate intranets, social platforms, and website experiences.

- Specialized in implementing enterprise technologies including SharePoint and Windows Azure.
- Provided corporate intranets, social platforms, and website experiences.
- Developed a flexible delivery methodology, Kinetica, tailored to unique business needs.

➔ RFP (REQUEST FOR PROPOSAL)

SOFTWARE DEVELOPER - [02/2015 - 07/2016]

A bidding process automation for procurement of commodities, services, or assets, focusing on automating the bidding process workflow.

Role:	Analysis, Software Development
Tech:	AngularJS, SharePoint, Office 365
Client:	QUALAPP

NTIER SOFTWARE, BHUBANESWAR

04/2012 - 02/2015

NTIER Software Solutions Pvt. Ltd., based in Bhubaneswar, offers a diverse range of IT solutions and services. Specializing in application development and maintenance, web designing and development, the company provides customized solutions, mobile app development, social media marketing, website designing and hosting, ERP solutions, digital marketing, e-commerce solutions, biometric solutions, and database consulting.

- Specialized in application development and maintenance, and web designing and development.
- Provided a wide range of services including ERP solutions, digital marketing, and e-commerce solutions.
- Offered customized IT solutions tailored to client needs.

➔ INVENTORY MANAGEMENT SYSTEM

SOFTWARE DEVELOPER - [04/2013 - 04/2015]

Developed an ERP and POS system for a local wholesale business, featuring functionalities such as Day Checkin/Checkout, Account Management, Inventories Management, and Financial Profit and Loss Reports.

Role:	Coding, Testing
Tech:	Windows GUI Application, MYSQL, SAP Crystal Report
Client:	Biswal Sanitation

EDUCATION

KUVEMPU UNIVERSITY

01/2011 - 01/2013

KARNATAKA

BSIT

NIIT

01/2009 - 01/2012

BHUBANESWAR, ODISHA

GNIIT

VIKRAM DEV AUTONOMOUS COLLEGE

01/2007 - 01/2009

JEYPORE, ODISHA

+2 COMMERCE

MODERN ENGLISH SCHOOL

01/1997 - 01/2007

JEYPORE, ODISHA

MATRICULATION

AWARDS

ADVANCED CERTIFICATE IN GENERATIVE AI

02/2024

UPGRAD

Advanced certification covering LLMs, prompt engineering, RAG architecture, and enterprise AI implementation. Specialized training in OpenAI APIs, LangChain, vector databases, and building production-ready generative AI solutions.

AI-POWERED EDUCATION INNOVATOR OF THE YEAR

01/2024

LEARNOSITY

Awarded for developing a cutting-edge AI technology that enhances the learning experience by analyzing and optimizing existing content and upcycling existing MCQ.

BEST DEVELOPER OF THE YEAR

11/2019

NTIER SOFTWARE SOLUTIONS PVT. LTD.

Recognized for exceptional performance and contributions to the company's success.