NOUMAN JINABADE

AI/ML Engineer

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LinkedIn | Github | Portfolio

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WORK EXPERIENCE

Industry 4.0 AI Engineer (Internship cum PPO)
ITC PSPD LTD

Jan 2025 - Present   Hyderabad, TS

- Spearheading the development of an in-house GPT AGI with 14+ data sources, integrating a self-built Node.js GUI for RAG-based retrievals.
- Leading AI-driven data processing pipelines for SAP analytics, automating customer segmentation and dispatch quantity calculations.
- Implementing ML models for predictive analytics, optimizing supply chain operations and feature impact analysis.

Lead Analyst - Internship
MetaXLabs

Oct 2021 - May 2023   Pune, MH

- Ensured smooth integration of 12,345 NFTs into the meta-verse with the virtual universe's narrative.
- Business analytics: Leveraged techniques and Power BI to create 24 dashboards and 35 ad hoc reports, addressing sales issues and streamlining processes

NOTABLE PROJECTS

AGI Development with Prompt Retrival Engine & RAG Pipeline (Self Trained Inhouse GPT)

- At ITC PSPD, One of my projects is to develop an inhouse GPT AGI, with various data links & load balancers . The PipeLine also includes a self developed NodeJS GUI system with RAG retrivals.

MultiEvent Dense Video Captioning

- Developed a 'Tri-Directional Transformer' to capture the full spectrum of events, actions, & contextual nuances present in visual narratives.

Automatic Dashboard Generation - (LIDA STREAMLIT APPLICATION)

- Developed an automatic dashboard generator using LIDA and Streamlit, language models for summarization, goal generation, and visualization.

CAREER OBJECTIVE

I am a passionate student pursuing 2-Degrees in DataScience . My ambition for the field has driven me to continually explore and create more than 50+ projects across various domains. **Seeking a challenging and career-advancing opportunity as a AI-ML / Data-Engineer .**

EDUCATION

Bachelor's of Technology
Robotics & Automation specialising in DataScience
Symbiosis Institute Of Technology

2021 - current   Pune, IN
SGPA: 10   (Passing GPA)
CGPA: 8.1   (Average GPA)

MicroMasters Degree
Quantum Mechanics & DataScience
Massachusetts Institute Of Technology

2021 - current   Distance : Boston, MA
SCORE: 91%   (as of last semester)

SKILLS

AI/ML : Python & R | Azure CLI & DTDL | C / C++ | A/B Testing | AGI | RAG | Power BI & Tableau (5 years+)
(NN, CNN, RNN, LSTM, Transformers, Transfer Learning , Encoders , Decoders , Upscaling & Downscaling models Self Attention Layers , Lateral Diffusion , Cross Attention)

FrontEnd: Java - Script | Node JS| HTML 5 | ReactS | TypeScript | React | Flask
(CSS3, Firebase, GraphQL,)

Backend: .NET Core | NET Framework 4.x| ADO.NET | Ansible | Jira |

DataSources : Microsoft SQL Server, BluePrism,Azure Blob, MongoDB, T-, EF, NoSQL, ORM, SSIS, SSRS