Tabish Ali Ansari

Pune, India | tabish.ansari004@yahoo.com | https://bit.ly/tabishali | linkedin.com/in/tabishaliansari/

github.com/tabishaliansari

Experience

SDE Intern – NonStop io Technologies   *Feb 2025 – Present*
AI + Full Stack Engineer

- Worked with Java Spring Boot, Node.js, and Nest.js for backend development.
- Utilized JMeter, RabbitMQ, and REST APIs for testing and service integration.
- Collaborated in an Agile environment using Git, Postman, and Docker.

Projects

NeuroMedGraph – A graph-based healthcare knowledge assistant
Tech Stack: Python, Neo4j, NLP, Together AI API, EuropePMC API, HTML/CSS, Flask, ReactJS, NextJS, Figma

- Uses NLP to extract key entities (diseases, drugs, methods, metrics) from biomedical research papers.
- Converts unstructured text into an interactive knowledge graph for visualization and querying.
- Identifies relationships such as the efficacy of treatment, comorbidities, and evolving methodologies.

MetaboliQ AI – A dynamic AI-powered website designed for diabetes prediction and education.
Tech Stack: Python, Flask, HTML/CSS, JavaScript, Scikit-learn, Pandas, sklearnex, Intel Tiber AI Cloud

- Predict future diabetes cases in a population using time series forecasting.
- Assesses the risk of personal diabetes via a daily lifestyle input form.
- Classifies diagnosed patients according to their type of diabetes (Type 1, Type 2, etc.).
- Predicts gestational diabetes in pregnant women.
- Includes a custom-developed AI chatbot to solve diabetes-related doubts and queries.

ADAPT – Alzheimer's Disease Analysis and Prediction Tool.
Tech Stack: Python, scikit-learn, React, FastAPI, VGG-19, GitHub Actions

- An AI-powered deep learning system designed to detect and classify the stages of Alzheimer's disease from MRI scans.
- Utilizes VGG-19 for high accuracy and integrates a user-friendly web interface for medical professionals.
- Assists patients and doctors in early diagnosis and preventive care for Alzheimer's Disease.

Technical Skills

Programming Languages: Python | Java | C/C++ | SQL
Data Analysis: NumPy | Pandas | Matplotlib | Seaborn
Data Science: Scikit-Learn | TensorFlow | Keras | PyTorch
Databases: MySQL | PostgreSQL | MongoDB | Neo4j
Tools & Workflows: Git and GitHub | JIRA (Agile Scrum) | Docker | Kubernetes
Data Visualization Tools: Microsoft Power BI, Tableau
Backend Development: Maven | Spring Boot | Postman

Education and Languages

Bachelor of Technology, AISSMS Institute of Information Technology

- Major: Artificial Intelligence and Data Science (GPA 8.41/10).
- Coursework: AI, ML, MLOps, DL, NLP, DBMS, OS, OOP, Data Structure, Cloud Computing.
- Minor: Electronics and Telecommunications.
- Coursework: VLSI, Microcontroller & Embedded Systems, Integrated Circuits, Analog Electronic Circuits.

Achievements – HSC Rank 1, Top 10 grand finalist at Intel AI Hackathon by IEEE Indicon at IIT Kharagpur
Languages – English (Proficient), Hindi (Native), French (Fluent).