Tabish Ali Ansari

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Education and Languages

Bachelor of Technology, AISSMS Institute of Information Technology (Exp. 2026)

- 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).

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
Data Visualization Tools: Microsoft Power BI, Tableau
Backend Development: Maven | Spring Boot | Postman

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.
- Designed to support review of the literature and the generation of hypothesis in medical and AI research.

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.

Diagnosify IO – AI for chronic disease prediction and prevention.
Tech Stack: Python, scikit-learn, HTML/CSS, JS, Flask

- Built as a general-purpose health AI platform for chronic diseases.
- Supports disease-specific analytics and personalized health scoring.
- Assists patients and doctors in early diagnosis and preventive care.
- HIPAA and GDPR compliant.

Experience

Intern – NonStop io Technologies (Hybrid) *Feb 2025 – Present*
Java Spring Boot and Data Engineering

- Worked on Backend Application Development in Java using Spring Boot.
- Collaborated with the Data Engineering team.
- Conducted sessions showcasing initiative and responsibility on "Smart Communication".