

Fouzan Naseer

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Professional Summary

Detail-oriented Artificial Intelligence and Data Science student with a strong foundation in machine learning, statistical modeling, and data analysis. Skilled in applying modern AI techniques to real-world problems using Python and data science tools. Demonstrates strong problem-solving ability, adaptability, and the capacity to work both independently and in team based projects. Seeking to contribute to innovative, impact-driven technology projects in fast-paced environments.

Skills

Programming: Python, SQL, R (Basics), C (Basics), C++(Basics)

AI/ML Concept: Machine Learning, Deep Learning, NLP, Computer Vision

Visualization: Tableau (Basics), Matplotlib, Seaborn

Data Tools: Pandas, NumPy, Jupyter, Streamlit

Soft Skills: Communication, Problem Solving, Project Management

Additional: Excel, Git Hub

Technical Experience

Full-Stack Development Intern - Infinite Computer Solutions (India) Limited.

(Jun 2025 - Jun 2025)

- Developed a full-stack Hospital Management System using Python, Flask, and MySQL, modeling real-world hospital operations.
- Implemented secure authentication and role-based access control (RBAC) for Admin, Doctor, and Patient roles.
- Designed real-time appointment scheduling with dynamic time-slot allocation and double-booking prevention logic.

Artificial Intelligence & Data Science Intern - CADD Centre Training Services Pvt. Ltd.

(Jun 2025 - Jul 2025)

- Completed an Artificial Intelligence & Data Science internship with hands-on experience in Python, data preprocessing, EDA, and machine learning fundamentals.
- Applied AI/ML concepts to real-world datasets, strengthening analytical thinking, statistical reasoning, and problem-solving skills.

Data Science Intern - NSP Nexus

(Jun 2025 - Jul 2025)

- Completed a 1-month virtual internship in Data Science with hands-on experience in data analysis and applied data science workflows.
- Conducted Exploratory Data Analysis (EDA) and data visualization using Python, Pandas, Matplotlib, and Seaborn.
- Applied machine learning fundamentals to real datasets, including data preprocessing and basic model implementation.
- Translated theoretical concepts into practical solutions, strengthening analytical reasoning and problem-solving skills.

Projects

AI-Based Disease Prediction System (Python, Scikit-Learn, Flask, Streamlit, Machine Learning)

- Developed an AI-based disease prediction web application that analyses user-reported symptoms to predict potential diseases using machine learning models trained on healthcare datasets.
- Executed end-to-end machine learning workflows, including data preprocessing, feature engineering, model training, and performance evaluation using Python and Scikit-Learn.

- Designed, deployed, and optimized a scalable web interface using Flask and Streamlit, delivering real-time predictions with improved usability and system performance.

Hospital Management System (Python, Flask, MySQL, HTML/CSS, Jinja2, Flask-Session, Werkzeug Security)

- Developed a full-stack Hospital Management System using Python, Flask, and MySQL to automate core hospital workflows.
- Implemented secure authentication and role-based access control (RBAC) for Admin, Doctor, and Patient modules. Designed real-time appointment scheduling with dynamic time-slot generation, automated notifications, and double booking prevention.
- Built medical record management features and ensured data security through password hashing and session management, delivering a reliable and user-friendly application.

: <https://github.com/Fouzannaseer7>

Education

B.S. Abdur Rahman Crescent Institute of Science and Technology (Aug2023 - June2027)

B.Tech in Artificial Intelligence and Data Science, Chennai, India - Pursuing

Ideal English Higher Secondary School (March2020 - June2023)

Class XII - Board Of Higher Secondary Examination

Percentage: 95%

Courses and Certifications

- Python Programming - G-Tech Computer Education
- Python - Hacker Rank
- Joy Of Computing Using Python - NPTEL
- Explore Machine Learning Using Python - Infosys Springboard
- R Training - IIT Bombay
- Basics of Python - Infosys Springboard
- Python Foundation Certificate - Infosys Springboard
- Machine Learning Foundation Certificate - Infosys Springboard
- AWS Cloud Practitioner Essentials - AWS
- Machine Learning - Code Chef
- Learn Python Programming - Code Chef