

VARNIT

Delhi

☎ +91-9211691400

✉ Varnitusar25@gmail.com

🌐 [Varnitvishwakarma](#)

🔗 [Varnitvishwakarma](#)

EDUCATION

University School of Automation and Robotics

B.Tech in Artificial Intelligence and Data Science

August 2022 – August 2025

Delhi

Aryabhata Institute of Technology

Diploma in mechanical engineering

August 2019 - May 2022

Delhi

COURSEWORK

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|-------------------------------------|----------------------|--------------------------------|-------------------|
| • Database Management System (DBMS) | • Big data analytics | • OOPS Concept | • Blockchain |
| • Artificial Intelligence | • Operating Systems | • Data Structures & Algorithms | • Cloud Computing |
| • Computer networks | | | |

PROJECTS

Heart Disease Prediction | Sklearn, python, html, css, [git](#)

- Developed a health prediction web app using Flask, HTML, CSS, and integrated a Random Forest model
- Demonstrated proficiency in full-stack development with a responsive web interface and Flask backend integration
- Applied data science principles, training and deploying a Random Forest model for proactive heart disease prediction

Diamond price Prediction | Sklearn, python, html, css, [git](#)

- Created a web application for diamond price prediction using Flask, HTML, CSS, with Ridge Regression model integration.
- Showcased full-stack expertise by developing an interactive frontend and integrating Flask for backend functionality.
- Applied Ridge Regression for accurate diamond price predictions, combining statistical modeling with web application development..

Diabetes Prediction | Sklearn, python, html, css, [git](#)

- Engineered a diabetes prediction web application using Flask, HTML, CSS, and incorporated a RandomForestClassifier model.
- Showcased expertise in full-stack development, creating an interactive user interface and seamlessly integrating Flask for robust backend functionality.
- Applied data science methodologies by deploying a RandomForestClassifier model to predict diabetes risks based on user-entered health parameters.

TECHNICAL SKILLS

Languages/Libraries: : Python, Sklearn , numpy, pandas, matplotlib, seaborn, tensorflow

Developer Tools: VS Code, jupyter notebook , anaconda

Machine Learning :Classification, Regression, Clustering, NLP, Computer vision ,

Deep Learning :Artificial Neural Networks (ANN) , Convolutional Neural Networks (CNN), YOLO, Generative Adversarial Networks (GAN)

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