

# NUPUR PUSHA

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## EDUCATION

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<b>Thapar Institute of Engineering and Technology</b> Bachelors of Engineering (Electronics and Computers)	2023-2027
<b>Sri Aurobindo International School , Patiala</b> Senior Secondary Education	2023
<b>Sri Aurobindo International School , Patiala</b> Secondary Education	2021

## EXPERIENCE

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<b>Linux User Group , TIET</b>	Oct 2023 – Present
<ul style="list-style-type: none"><li>Managed events for the society.</li><li>Promoted open source.</li></ul>	

## PROJECTS

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### News Website

- Developed a dynamic news website using, enabling users to search for news by keywords or browse through categories.
- Integrated NewsAPI to fetch and display real-time news articles, providing an intuitive and interactive user experience.
- <https://github.com/Nupurpusha/News-Website>

### Farmer's Hub

- Developed FarmersHub, a platform to enhance farming with technology and expertise.
- Features include Mixed Layer Farming, Precision Weather Forecasting, and Advanced Weed Management with 24/7 support.
- <https://nupurpusha.github.io/Agrisure-Greenathon/>

### Diabetes Detection Api

- Developed a FastAPI application to deploy a machine learning model for predicting diabetes based on various health metrics.
- Utilized a pre-trained Random Forest classifier, with the model stored in a pickle file, to provide accurate predictions via a dedicated API endpoint.
- <https://github.com/Nupurpusha/diabetes-prediction-api>

## SKILLS

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**Domains:** Machine Learning, Front End Web Development

**Languages:** Python, R, HTML, CSS, Java-script

**Frameworks:** Bootstrap

**Software:** VS Code, Jupyter Notebook, Google

Colab, LT Spice, AutoCAD, Git