

# Saransh Thakran

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*A Highly skilled IT professional with experience in developing and implementing innovative technology solutions. Proficient in a wide range of programming languages, databases, and frameworks, with a strong focus on delivering robust, scalable, and secure applications.*

*Adept at managing full project lifecycles, from requirements gathering and design to deployment and support, ensuring high-quality deliverables and client satisfaction.*

## PROJECTS

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### Machine Learning Model Optimization

- Designed, trained, and evaluated various machine learning models using Python and libraries such as Scikit-learn, TensorFlow, and Keras, achieving an accuracy improvement of 15% over baseline models.
- Conducted extensive data cleaning, preprocessing, and feature engineering to enhance model performance, leveraging techniques such as normalization, imputation, and feature selection.
- Participated in research projects to explore cutting-edge machine learning algorithms and methodologies, contributing to white papers and technical reports.

### Python Backend Development (Agile-Based)

- Worked within Agile development teams, participating in sprint planning, daily stand-ups, and retrospective meetings to ensure timely project delivery.

### Web Development Bootcamp Project

- Completed Angela Yu's Complete 2024 Web Development Bootcamp (Udemy).
- Gained hands-on experience with HTML, CSS, JavaScript, Node.js, Express, MongoDB, and React.

## EDUCATION

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### NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

Bachelor of Technology in Electronics and Communication Engg (AI and ML)

New Delhi, India

November 2022-Present

### AIR FORCE GOLDEN JUBILEE INSTITUTE

Senior Secondary Education - PCM + CS

New Delhi, India

April 2022

## ADDITIONAL SKILLS

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- Proficient in Python, C++, C, HTML, CSS, JavaScript, Node.js, Express, MongoDB, Git, Github, SQL
- Fluent in English
- A Good leadership Quality