

Shivam goswami

B.tech — Sustainable energy technologies — Electrical Engineering

NIT Kurukshetra, Haryana, India

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PROFILE

Focused on developing strong technical, managerial, and analytical skills. Passionate about scalable, user-centric software, sustainable systems, AI/ML and collaboration-driven platforms that bridge engineering with design.

EDUCATION

Aug 2024 — Present **Bachelor of Technology in Sustainable Energy Technologies, EE, NIT Kurukshetra**

PROJECTS

PROJECT RP [currently in github](#)

This machine learning project using python is created on how machine learning problems are tackled in real world scenarios. understanding the problem of a real estate company from its CEO and then apply ML to solve it. gone through analyzing the problem from collecting data, importing it to a Jupyter notebook, looking for promising attributes, finding out correlations, plotting graphs, creating a pipeline, dealing with missing values and much more. At the end presented the problem to the real estates company who will use the model for predicting house prices given a set of features. concepts like cross validation, train-test splitting, stratified shuffle split, cross validation and sampling work in action.

SAKSHAM — Student Collaboration Platform campus.nitingoyal.tech

Built a full-stack platform that enables college students to collaborate, share ideas, and showcase projects. done a role of Team Leader and Frontend/ UI/UX design using React and Tailwind CSS

Tech Stack: React, Tailwind CSS, Node.js, Express, Supabase, SQLite, Cloudinary, React Router, React Query, JWT, Bcrypt. Handled complete VPS deployment and production pipeline configuration.

EXPERIENCE

Sep 2024 — Present **Independent Developer and Project Coordinator**

Coordinating cross-functional teams, managing prototypes, deployments, and iterative design cycles for educational and web-based platforms.

SKILLS

Programming Python, JavaScript, React, Node.js, Express, Git
ai/ml basics

Design Figma, UI/UX Prototyping, System Architecture Planning

Soft Skills Project Management, Collaboration, ui design, video editing through DaVinci