

Pooja Giri

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🌐 PoojaGiri

EDUCATION

AKTU, Lucknow

BTech in Computer Science

Engineering (AI & ML)

Grad. 2026

Saraswati Shishu Vidya

Mandir

Intermediate: CBSE

Percentage: 62%

Saraswati Shishu Vidya

Mandir

High School: CBSE

Percentage: 70%

SKILLS

Languages:

HTML, CSS JS, React,

Node.JS Express.JS,

Python

Familiar Database:

MongoDB, MySQL, Firebase

Tools:

VScode, Canva, Git, Bootstrap

COURSEWORK

Data Structures

Algorithms

Artificial Intelligence

Machine Learning

Discrete Mathematics

Object-Oriented Programming

DBMS

Operating Systems

Computer Networking

Cloud Computing

MERN Stack

PROFILE LINKS

</> HackerRank

🐙 Github

PROJECTS

Alpha – LLM-Based Smart AI Assistant

- Integrated Gemini API to process user queries.
- Supports speech recognition and natural language processing.
- Implemented voice → LLM → action pipeline to execute commands like opening apps.
- Built internal tool functions that the LLM can call to perform tasks.
- Tech Stack: Python, Gemini API, Speech Recognition ADB, MySQL.

LeafLens - Leaf Disease Detection using CNN

- Implemented CNN-based image classification for accuracy.
- Used image preprocessing Techniques for better results.
- Provides early disease identification for crops.
- Supports smart farming and agriculture solutions.
- Tech Stack: Python.

iNotebook – Secure Cloud-Based Notes Application (MERN Stack) 🔗

- Full-stack notes app with secure JWT authentication.
- Implemented RESTful APIs with complete CRUD operations.
- Used MongoDB Atlas for cloud database management.
- Added password hashing (bcrypt) for data security.
- Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, bcrypt.

NewsApp – Dynamic News Aggregator 🔗

- Real-time news app with category-based filtering.
- Integrated third-party REST API for live news.
- Implemented infinite scroll for smooth UX.
- Managed state using React Hooks with responsive design.
- Tech Stack: React.js, REST API, JavaScript, CSS, Bootstrap.

TextUtils – Smart Text Processing Tool 🔗

- Web app for text formatting and analysis.
- Added word counter, preview mode, and dark/light theme.
- Optimized rendering using React state management.
- Tech Stack: React.js, JavaScript, CSS, Bootstrap

ACHIEVEMENTS

- Smart India Internal Hackathon 2025 - Winner. View
- Paper submitted to an international conference (under review). View
- Paper submitted to a peer-reviewed journal (under review).
- Jaipuria Quiz League 2024 - Rank 2. (Won Swags & Cash Prizes)
- AI Galaxy Treasure Hunt by Unstop - Rank 6 (Won Goodies).