

# Parth Mishra

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## Professional Summary

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Tech enthusiast with hands-on experience in Python, machine learning, web development, and cloud computing. Secured 5th rank in HiDevs Skillathon 2025. Skilled in building modular, real-world tech projects using modern frameworks and tools.

## Technical Skills

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- Python – Strong foundation; used in academic and hackathon projects
- Machine Learning – Scikit-Learn, NumPy, Pandas, Matplotlib
- Django – Full-stack apps with user auth, CRUD, media handling
- Java, C, SQL – Familiarity from coursework
- Cloud Computing – AWS (EC2, S3, RDS, Route 53)
- Linux/Unix – Basic commands, VM setups
- Prompt Engineering – Skilled in designing effective prompts and AI tool mastery
- Cybersecurity – Self-directed learning in types of hacking attacks, vulnerabilities, and defensive strategies

## Soft Skills

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Curiosity-driven learner, strong problem-solving, effective communicator, team player, adaptable, proactive, and creative in technical execution.

## Projects

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- **ParthSaarthi** – Offline AI assistant for driver safety with drowsiness detection, voice interaction (LLM), and SOS email alerts. Uses MediaPipe, Vosk, pyttsx3, GPT4All, multithreading in Python.
- **Weather Dashboard** – Real-time dashboard using OpenWeather API, HTML, CSS, JavaScript
- **ML Web Apps** – House Price Prediction, Crop Recommendation, Liver Disease Prediction using Flask, Scikit-Learn, Pandas
- **GenAI Projects** – AI Clone, Smart Claims Processing, Automated Underwriting using LangChain, Llama (Groq), Streamlit
- **Blog Platform** – Full-stack Django app with user auth, CRUD posts, like system, profile uploads; deployed on PythonAnywhere

## Experience

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### Intern – Shell–Edunet Skills4Future AICTE Program

Oct 2025 – Nov 2025

Selected for a national AICTE-backed internship in collaboration with Shell and Edunet Foundation, working on an AI-for-Green-Skills project under expert mentorship.

## Certificates

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- Teachnook Certificate of Artificial Intelligence (2023)
- Cognizant AI Job Simulation – Forage (2024)
- TATA Cybersecurity Analyst Simulation – Forage (2025)
- HiDevs Skillathon Participation (2025)

## Education

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### Faculty of Engineering and Technology, Gurukula Kangri (Deemed to be University), Haridwar, India

Bachelor of Technology in Computer Science and Engineering

(2022–2026)