

ROHIT SONI

CONTACT

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Github : <https://github.com/rohit-soni10>

Portfolio: rohitsoniportfolio1018.netlify.app

TECHNICAL SKILLS

- **Languages:** Java, Python , SQL , HTML,CSS , JavaScript, React(basics)
- **Libraries and Frameworks:** NumPy, Pandas, Matplotlib, Scikit-learn
- **Developer Tools:** Git, Google Colab, VS Code, VisualStudio, Apache NetBeans, Jupyter Notebook
- **Data Analysis and Visualization:** Statistics, Excel, Tableau,Power BI

PROJECTS

- **AI PDF Study Assistant (Python,LangChain, HuggingFace) :**
 - Built a tool that reads PDF files and answers questions based on their content.
 - Used LangChain to split text into smaller parts and convert them into searchable vector form.
 - Stored document data in a local vector database (Chroma) for quick and relevant retrieval.
 - Used a HuggingFacemodel(flan-t5-base) to generate answers based on matched text chunks.
- **Face Restoration Tool (Convolutional Neural Networks (CNNs) and Generative Adversarial Networks (GANs)) :**
 - Developed an AI-based face restoration system for enhancing low-quality or damaged images.
 - Used CNNs and GANs to reconstruct facial features with improved clarity and detail.
 - Integrated GFP-GAN for high-fidelity face restoration while preserving identity.
 - Achieved real-time performance on standard datasets with minimal user input.

EDUCATION

Rani Laxmi Bai Memorial School, Lucknow

Class- 10th :

- Percentage: 92.4%

Class- 12th:

- Percentage: 85.8%

Noida Institute of Engineering and Technology(2022-2026)

Bachelor of Technology in Computer Science Artificial Intelligence

- CGPA (till 7th sem) : 7.6

SOFT SKILLS

- **Communication:** Effective in cross-functional and remote team settings
- **Teamwork:** Hackathon and project-based collaboration experience
- **Problem Solving:** Analytical thinking reinforced via competitive programming
- **Time Management:** Consistently meets academic and project deadlines

CERTIFICATES

Infosys | SpringBoard

ReactJS

IBM

Data Visualization with Python

COURSERA

Python for data science,AI and development

COURSERA

Use Canva to Create Desktop and Mobile-friendly Web Pages