

# KRISH SHARMA

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## SKILLS

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**Languages:** C++, Python, JavaScript, HTML, CSS

**Libraries:** TensorFlow, PyTorch, React.js, Node.js, Express.js, Scikit-learn, NumPy, Pandas

**Frameworks:** Tailwind CSS

**Databases:** MongoDB

**Other:** Git, Figma

## PROJECTS

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### Developing Adversarial Robustness in AI models(In Progress)

(Feb 2025 – Present)

(Python, Scikit-learn, PyTorch, Google Colab)

- Designing an AI model to maintain high accuracy under adversarial image perturbations using the Dresden and Forchheim image datasets.
- Implementing adversarial training techniques (FGSM, PGD) to fortify the model and evaluating performance across perturbed datasets.

### SkillBridge AI Chatbot

(Feb 2025)

(Python, Langchain, HuggingFace, Flask, React Vite, Tailwind CSS)

- Built an AI chatbot that processes PDFs and images, enabling users to query document content.
- Integrated vector search with external tools (Wikipedia, ArXiv, DuckDuckGo) for enhanced retrieval.
- Developed a Flask backend with a React Vite frontend, styled using Tailwind CSS.

### Natours – FullStack Project

(Sept-Oct 2024)

(Pug, JavaScript, Node.js, Express, MongoDB)

- Integrated frontend with a Node.js backend and MongoDB database, implementing secure JWT-based user authentication.

## EDUCATION

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### B.Tech Computer Science Engineering

2021-2025 (C.G.P.A – 7.6)

NIMS University, Jaipur, Rajasthan (NIRF ranking:- 101-105)

### 12th CBSE Board

2021 (76%)

Ratlam Public School, Ratlam (M.P.)

### 10th CBSE Board

2019 (81%)

Ratlam Public School, Ratlam (M.P.)

## CERTIFICATIONS AND ACHIEVEMENTS

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- **Finalist Level SuperMind (GenAI) Hackathon** (Jan-2025)
  - **Cleared Smart India Hackathon 2024 Phase 1** (Sept-2024)
  - **Complete Generative AI Course With Langchain and Huggingface** Udemy (Dec-2024)
  - **Back End Web Development** Udemy (Aug-Sept 2024)  
(Node.js, Express.js, MongoDB)
  - **Front End Web Development with Responsive Design** Udemy (Oct-Nov 2022)  
(HTML, CSS, JavaScript, Responsive Designing)