

## SKILLS

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### Engineering

- **Machine Learning & AI:** Causal Inference, Deep Learning, Large Language Models (LLMs)
- **Programming & Frameworks:** Python, PyTorch, Hugging Face, TensorFlow, Scikit-learn
- **Causal Inference Methods:** Structural Causal Models (SCM), Potential Outcomes Framework
- **Data Engineering:** SQL, Cloud Computing ( GCP)
- **Web Development:** JavaScript, React.js, HTML, CSS, Node.js, Java

### Soft Skills:

- Strong analytical and problem-solving abilities
- Research-oriented mindset with attention to detail
- Ability to work independently and collaborate in a team

## EXPERIENCE

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### Open Source Contributions

#### Contributed to DevFest AI 2024

- Contributed to open source during DevFest AI 2024, a community-driven event focused on AI innovation. Developed and released an open source computer vision application that helps detect and prevent security vulnerabilities in real-time. The project received recognition for technical excellence and is now maintained as a community resource on GitHub.

#### Participated in Hacktoberfest 2024

- Actively contributed to multiple open source projects during Hacktoberfest 2024. Submitted 6+ quality pull requests, focusing on improving documentation, fixing bugs, and implementing new features in JavaScript and Python repositories.

## EDUCATION

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### Indus University

*Bachelor of Computer Science and Engineering*

2023.07-2027.06

- Minor in IOT

## PROJECTS

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- **Building DeepSeek R1 Model from Scratch Using Python**  
*GitHub Repository: [Building DeepSeekR1]*  
*(<https://github.com/KunjShah95/Building-DeepSeek-R1-from-Scratch-Using-Python>)*  
- Developed the DeepSeek R1 model entirely from scratch using Python, showcasing expertise in machine learning and model implementation.
- **Fine-Tuning Models on Custom Datasets**  
- Fine-tuned advanced models like Gemma3 and DeepSeek R1 on custom datasets to enhance their performance for specific applications.  
- Published the fine-tuned models and hosted them on Hugging Face for public access:  
- [Gemma Reasoning Genius](<https://huggingface.co/kunjshah01/gemma-reasoning-genius>)

- [DeepSeek Coder]([https://huggingface.co/kunjshah01/deepseek\\_coder](https://huggingface.co/kunjshah01/deepseek_coder))

- **Deepfake Detection System:**

*Developed a deep learning-based system for detecting fake videos using CNN and Xception model for optimal performance.*

[GitHub Repository:](https://github.com/KunjShah95/DEEPFAKE-DETECTION-SYSTEM)

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