

Shubham Gaur

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Summary

Spearheaded the development and deployment of AI/ML models, leveraging cutting-edge NLP, Computer Vision, and Deep Learning techniques. Proficient in TensorFlow, PyTorch, and Scikit-learn.

Education

MBM University , <i>B.E. in Electronics and Communication Engineering</i>	2021/11 – 2025/05 Jodhpur
G.S. jangid memorial public school , <i>PCM</i> 71.6%	2019/04 – 2021/04 Jodhpur

Skills

- | | | |
|------------------------------------|--|---|
| • HTML, CSS, JS, SQL | • C++, Java, Python, Bash | • Git, Github, Docker |
| • Kali linux, Ubuntu, Windows, VMs | • Data structures and Algorithms, OOPs | • Pytorch, Tensorflow, Keras, Sci-Kit learn |

Projects

CyberBattleSim, Microsoft

- Contributed to Microsoft Cyberbattlesim during a research internship, specializing in refining neural network-driven decision algorithms and enhancing simulation functionalities.

Machine Learning-powered Age Estimation with OpenCV

2022/06

- Developed a facial age estimation system using OpenCV for face detection.
- used dlib for facial landmark extraction, TensorFlow for training a Convolutional Neural Network (CNN) model, and integrated the model with Python to predict ages from images with precision.

Professional Experience

SDE Intern, Anti.AI

2024/03 – present
Jaipur

Worked as a Software Developer Intern at an early-stage startup.

- Responsibilities included building the company's inaugural software product from the ground up.
- Utilized various tools and frameworks such as Django, WPF, C#, and .NET.
- Provided valuable input to both design and product teams.

Cybersecurity Research Intern, NIT Trichy

2023/06 – 2023/07
Trichy

- Contributed to Microsoft CyberBattleSim, evaluating diverse reinforcement learning algorithms within the simulator.
- Achieved a 25% enhancement in automated agent performance.
- currently co-authoring for a publication in the same domain.

Finalist, National entrepreneurship challenge, IIT Bombay

2023/01

- As a core team member of EIC MBM, spearheaded an entrepreneurial culture, drove initiatives, refined communication skills, and nurtured team ethics.
- Achieved All India 10th place among 200 teams.

Participant, Techfest 2022, IIT Bombay

2022/12

Took part in IIT Bombay's tech-fest robotics competitions, attended by 1.5 lakh students annually, achieving notable rankings in the Mesmerize and Cozomclench categories.

Participant, EYRC, Eyantra robotics challenge

2022/08

Contributed to Python libraries and the Linux operating system, acquiring proficient expertise in ROS (Robot Operating System) and Turtlesim.

Position of Responsibility

Dev Volunteer, GDSC MBM Chapter

2022 – present

- As a Development Volunteer at GDSC MBM chapter, I collaborated with a 23-member team, actively engaging in over 3 hackathons and solution challenges.
- Dedicated over 20 hours to multiple projects.

Coordinator, Vigyan sarvatre pujuryate

2022/02

Led the workshop team and managed the science fair at MBM University Jodhpur, overseeing a total footfall of over 10,000 students.

Interests

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| • Reading | • Robotics | • Chess |
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Languages

Hindi
Native

English
Highly proficient