Dhruv Kumar Suthar

Bachelor of Technology
in Computer Science Engineering
Government Engineering College, Ajmer

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology.	Government Engineering College, Ajmer	7.83	2021-25
Intermediate	Rajasthan Board of Secondary Education (RBSE)	92%	2021
Secondary	Central Board of Secondary Education	84%	2019

TECHNICAL SKILLS

- **Programming Languages**: C++, Python, Shell Scripting
- **Frameworks Libraries**: Streamlit, Hugging Face Transformers
- **Machine Learning Deep Learning**: Deep Learning (CNNs, Transformers), Retrieval-Augmented Generation (RAG), Computer Vision, Large Language Models (LLMs)
- **Tools Technologies**: FAISS, Gemini API, Ansible, Linux
- **Other Skills**: Prompt Engineering, Model Deployment, UI/UX for AI Applications

CERTIFICATIONS AND COURSES

- **Red Hat Certified System Administrator(RHCSA)** *RedHat*
- **Red Hat Certified Engineer (RHCE)** *RedHat*
- **NDG Linux Unhatched Course** *Cisco Networking Academy*
- **Introduction to Cybersecurity** *Cisco Networking Academy*

EXPERIENCE

- **RHCSA Training at RCAT Jaipur** *May 2024 - June 2024*
  Mr. Tapish Singh
  – Gained foundational knowledge in Linux basics and acquired hands-on experience with RedHat Enterprise Linux.
  – Learned about Linux system administration, enhancing my skills in managing and maintaining Linux systems.
- **SINE INTERN at IIT Ropar** *Jun 2024 - July 2024*
  Dr. Santosh Kumar Vipparthi
  – Gained expertise in clustering technologies and had the opportunity to work with GPU clusters utilizing PBS scripting.
  – Acquired foundational knowledge in Deep Learning, including an understanding of deepfake technology and its detection methods.
- **RHCE Training at RCAT Jaipur** *Jan 2025 - Feb 2025*
  Mr. Rakesh Kumar Jangid
  – Currently undergoing RHCE training, focusing on advanced Linux system administration, automation, and security.
  – Gaining hands-on experience in server management, networking configuration, and system optimization.
  – Developing expertise in shell scripting, troubleshooting, and implementing security best practices.

PROJECTS

- **Android Malware Detection** *oct 2024*
  Dr. Jyoti Gajrani
  – Utilized scikit-learn to build and train machine learning models for detecting Android malware, applying algorithms like Random Forest, XGBoost, CatBoost, and Logistic Regression.
  – Achieved exceptional accuracy rates (99 - 100) across all models, demonstrating effectiveness in enhancing Android security through advanced machine learning techniques.

- **Deepfake Survey paper** *Feb 2024 - present*
  Dr. Satyanarayan Tazi
  – Conducted a comprehensive survey on deepfake detection technologies.
  – Analyzed state-of-the-art methods for detecting deepfakes, including the latest advancements and challenges in the field.

- **School Management System – Sudhar Sabha NGO** *Feb 2024 - Aug 2024*
  with college team
  – Contributed to the backend development by designing and managing the database system.
  – Wrote optimized SQL queries to handle student, teacher, and administrative records efficiently.
  – Improved data retrieval and storage performance, ensuring seamless school operations.

- **Mr. Deepfake - Deepfake Detection and Research Assistant** *Feb 2024 - Aug 2024*
  with college team
  – "Engineered a 3-module AI system (image detection, research assistant, PDF chat) in Streamlit, achieving $3\times$ faster deepfake detection with 98%+ accuracy.
  – Integrated Hugging Face models, Gemini API, and FAISS to process 400+ deepfake research papers and enable real-time interactive querying through a modern animated UI.

POSITIONS OF RESPONSIBILITY

– **Coordinater of LAN Gaming Event** - Coordinated a student-organized LAN gaming event at my college.

– **Coordinater of Website Designing Compitition** - Coordinated a student-organized website designing competition at my college.

– **Team Leader in Hackathon** - Led a team in the Rajasthan IT Day Hackathon organized by the Rajasthan Government and PW Skills.

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