

EDUCATION

JECRC UNIVERSITY

MCA IN COMPUTER SCIENCE

Expected Graduation: July 2025 | Jaipur, Rajasthan

MDS UNIVERSITY

BCA IN COMPUTER SCIENCE

Graduated: July 2023 | Ajmer, Rajasthan
CGPA: 7.68

COURSEWORK

GRADUATE

- Java
- Python
- Data Science
- Git and GitOps
- Data Structures and Algorithms
- Full Stack Development
- Android Development (Kotlin/Java)
- Object-Oriented Programming
- Java Enterprise Edition

UNDERGRADUATE

- C++
- Java
- Database Management Systems
- Data Structures and Algorithms
- Operating Systems
- Computer Graphics

SKILLS

PROGRAMMING LANGUAGES

- C++, Java, Python
- JavaScript (Intermediate)
- Swift (Novice)

FRAMEWORKS AND LIBRARIES

- Node.js
- React.js
- Flask

TECHNOLOGIES

- HTML/CSS
- SQL

SOFT SKILLS

- Brainstorming
- Public Speaking
- Team Collaboration
- Rapid Learning

EXPERIENCE

CODEALPHA | DATA SCIENCE INTERN | Certificate

July 2024 - August 2024 | Remote

- Acquired practical experience in data science by preprocessing raw datasets, leading to a model accuracy improvement of 70%.
- Improved model accuracy by 15% through advanced visualization and machine learning model training.
- Completed all tasks and assignments ahead of schedule with 90% precision.

COGNIFYZ TECHNOLOGIES | DATA SCIENCE INTERN | Certificate

June 2024 - July 2024 | Remote

- Enhanced data processing efficiency by 35% using preprocessing and feature engineering techniques.
- Leveraged diverse visualization tools (graphs, charts, etc.) to reveal hidden insights, enhancing data comprehension by 20%.
- Attained a 90% success rate in fulfilling all assigned responsibilities and tasks.

PROJECTS

GENERATIVE AI MODEL MYGEN-AI | GitHub

TECHNOLOGIES: PYTHON | PYTORCH | SKLEARN | TRANSFORMERS | NLTK

- Engineered a deep learning model for prompt-based text generation, achieving 65% accuracy through algorithm optimization and tuning.
- Strategically scaled the model from a small dataset to a larger corpus exceeding 200MB, significantly improving precision and performance.

DEEP LEARNING CNN MODEL IMAGE CLASSIFIER | GitHub

TECHNOLOGIES: PYTHON | TORCHVISION | PYTORCH | PILLOW

- Trained on the CIFAR-100 dataset, encompassing 20 superclasses and 100 subclasses, resulting in a robust model for accurate image classification across diverse categories.
- Amplified image classification accuracy from 60% to 85% by optimizing model architecture, fine-tuning hyperparameters and accuracy metrics.

FULL STACK SOCIAL MEDIA WEB APP PINCONNECT | GitHub

TECHNOLOGIES: NODE.JS | MONGODB | HTML | CSS | JAVASCRIPT

- Designed a platform enabling users to post, like, and comment on posts, integrated with password encryption up to 10 salt rounds for security.
- Implemented security measures with authentication and authorization, providing a user-friendly interface that maximized performance by 10%.

OTHER PROJECTS WEB | DESKTOP | FULL STACK

My Portfolio Website	Chrome Extension for Web
Chrome Extension for YouTube	Analog Clock + Timer
HEVC Video Player (Java)	Netflix Clone
Video Player (Electron)	Amazon Clone

ACHIEVEMENTS AND CERTIFICATIONS

- Deep Learning and AI Certificate (KPMG International)
- Responsible Generative AI (Microsoft)
- Java Certificate (HackerRank)