

Manoj S

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🐙 Github 🌐 GeeksForGeeks

PROFESSIONAL EXPERIENCE

Machine Learning Intern

01/2024 – 02/2024

Prodigy InfoTech [🔗](#)

Chennai, India

- Developed a system for Dog vs Cat classification problem using CNN architecture.
- Implemented data augmentation techniques to improve model performance and achieved an accuracy of 92% on a 1GB+ dataset.
- Integrated the solution with a user-friendly front-end built using Anvil for an interactive user experience.

EDUCATION

Bachelor of Engineering

2021 – present

Coimbatore Institute of Technology [🔗](#)

Coimbatore, India

In Computer Science and Engineering

Grade: CGPA - 8.50 (Until 5th Semester)

TECHNICAL SKILLS

Python, C, Django, MySQL, Visual Studio Code, GitHub, React JS, Anvil, Arduino

PROJECTS

Unmasking the Fakes

02/2024 – present

Machine Learning solution to solve the problems of deepfake human images.

- Spearheaded the design and development of a full-fledged web application using a collaborative approach with a 4-member team.
- Constructed a robust convolutional neural network (CNN) machine learning model capable of efficiently processing over 300,000 images for deepfake image detection.
- Optimized the model's performance by tuning hyperparameters and strategically incorporating additional filtration layers and resulted in an accuracy of 91%.

TryQTech [🔗](#)

09/2023

A Quiz platform to play quiz on user - defined question numbers in given domain.

- Developed a more engaging and user-friendly website experience utilizing HTML5, CSS3, and JavaScript.
- Established seamless back-end connections using Python's Django framework to retrieve data from the MySQL Database.
- Implemented personalized messages of appreciation based on user scores of levels 5, encouraging further participation and improvement.

Get-It-Done (GID) App [🔗](#)

01/2024

Task tracker that keeps all your tasks to be done with an interactive web interface.

- Designed a focused To-Do list tracking website to list each of task added by the user and their 2-tracking status.
- At the back end used ReactJS and a Node.js back-end with a relational database for data persistence and 100% seamless transfers.
- Incorporated 3 types of React components like Redux, Selectors and Styled Components for state management and styling of the application.

CERTIFICATES

- Advanced Python Programming | [Link](#) [🔗](#)
- HTML, CSS, JS Certification Course | [Link](#) [🔗](#)
- Building Modern Projects with React | [Link](#) [🔗](#)
- Learning Django | [Link](#) [🔗](#)