

NIKITH KUMAR N

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EDUCATION

BE in Computer Science & Engineering

R R Institute of Technology • Bangalore, Karnataka • GPA: 7.44

Aug '17 - Aug '21

12th Class

K L E Independent PU College • Nagarbhavi, Bangalore • 65.00%

Aug '15 - Mar '17

10th Class

Vishal Public School • Bangalore, Karnataka • 85.12%

Jun '14 - Jun '15

EXPERIENCE

Web Development Intern

Nioeye Solutions Pvt. Ltd. | New Delhi

Dec '20 - Feb '21

- Fixed bugs from the existing website and implemented enhancements that significantly improved web functionality using ReactJS.
- Experience with the API's and performs other related tasks as assigned.

ACADEMIC PROJECTS

Library Management System (LMS)

Course : Database Management System | Supervisor: Prof. Mala P

- Github: <https://github.com/TheThunderB0lt/LMS/>
- Built a desktop application using Python GUI-Tkinter to automate Library Management System processes.
- Implemented features such as Automatic Fine Calculation, Backup Logs for Recovery, Daily Analysis, etc.

Ray Tracing in OpenGL

Course : Computer Graphics | Supervisor: Prof. Nithin K

- Github: <https://github.com/TheThunderB0lt/Project-Excalibur/>
- Developed a project using OpenGL to generate Ray Tracing to find intersections between the rays and spheres and then compute pixel-color based on the nearest object.

Algorithm Visualization

Course : Web Technology | Supervisor: Prof. Sumanth V

- Github: <https://github.com/TheThunderB0lt/Project-SolidAlpha/>
- The project is built in JavaScript, which demonstrates how data structures algorithm works graphically.
- Hosted at: <https://algo-vis.netlify.app/>

Deepfake Creation and Detection Using Cycle GANs

Course : Deep Learning | Supervisor: Prof. Shruthi S

- Github: <https://github.com/TheThunderB0lt/Project-MagniZenT/>
- Created a user-friendly web-based platform that allows users to upload videos and classify them as fake or real, as well as create their deepfake image or video using ANN.
- Published Paper at: National E-Conference-2021, p-ISBN: 978-93-90781-57-7, pages 16-21, July 2021

OTHER PROJECTS

Neural Network Visualizer Web App with Python

Domain : Deep Learning

- Github: <https://github.com/TheThunderB0lt/Project-Fusion/>
- Developed a webapp using Streamlit, Flask, Keras functional API to create and train a multiple output model, for a given image, it predicts the mnist dataset of all neural network layers.

Picturesque Shots

Framework : ReactJS

- Github: <https://github.com/TheThunderB0lt/Project-Eternity/>
- Created a Webapp using React that uses the Unsplash API to fetch images from Unsplash.
- Hosted at: <https://picturesque-shots.netlify.app/>

TECHNICAL SKILLS

Python, C/C++, HTML5, CSS3, JavaScript, SQL, Git