

Shikhar Katiyar

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EDUCATION

B.Tech

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR

CGPA: 9.25/10

Assam, India | July, 2019 - Jun, 2023

Class 12th

DR. VIRENDRA SWAROOP EDUCATION CENTRE, AWADHPURI

Score: 91.25%

Uttar Pradesh, India | July, 2017 - Jun, 2018

Class 10th

DR. VIRENDRA SWAROOP EDUCATION CENTRE, AWADHPURI

Score: 93.2%

Uttar Pradesh, India | July, 2015 - Jun, 2016

WORK EXPERIENCE

MAQ SOFTWARE | ASSOCIATE SOFTWARE ENGINEER INTERN

Hyderabad, Onsite | May 2022 – July 2022

- Worked on fuzzy logic for string matching techniques to reduce the time taken for large datasets using Levenshtein's Distance Algorithm.
- Worked on MS-SQL server and Azure (Databricks and Data Factory) for ETL (Extract-Transform-Load) process in Data Warehousing.
- Worked on Azure DevOps integrated features such as Azure boards, Azure repos and Azure Pipelines.

SKILLS

Coursework: Data Structures and Algorithms, DBMS, Operating Systems (OS), Object Oriented Programming (OOPs)

Languages: C, C++, Java

Web Development: React.js, Node.js, HTML/CSS

Database: MS-Sql, MongoDB/Mongoose

Other Technologies: Azure Devops, Github, PowerBI

PROJECTS

LUMPY SKIN DISEASE DETECTION IN CATTLES USING DEEP LEARNING

JULY, 2022 - OCT, 2022

- Mainly Convolutional Neural Network was used for detection of the skin disease. The dataset used was of about 4k images (1.5k infected and 2.5k normal skin images).
- The accuracy of the prediction model was checked with various neural networks techniques and hybrid models mainly Conv2D, Conv2D+LSTM, Conv2D+GRU.

E COMMERCE METAVERSE (VIRTUAL REALITY)

DEC, 2022 - DEC, 2022

- This is a team project made during the U.S.T d3code hackathon within 24 hours.
- In this project our idea was to replicate a real store in metaverse where users can buy items from the shop and then these items would be delivered to them in the real world. The currency used for transactions were ethers (blockchain).
- Tech stacks used in this project were A-frames library (for VR), HTML, CSS, Node.js, solidity (for smart contracts)

CUSTOMER CRUD APP

MAY, 2021 - JUNE, 2021

- Created a web application using Node.js as Back-end and React.js as Frontend, which allows users to Create, Read, Update and Delete a customer.

ACHIEVEMENTS

U.S.T. D3CODE : Among the top 5 Finalist for the U.S.T d3code hackathon (Achieved 4th rank)

Cuvette Codoctober Hackathon : Achieved 5th rank in this web development hackathon among 500+ teams

NITS HACKS 5.0 : Ranked 2nd in the Coding Phase of the Hackathon conducted by NIT, Silchar

Codechef : Highest Rated 4 Star (1916), Handle- *gojo_0*, Best Global Rank-362—[Link](#)

Codeforces : Highest Rated- Specialist, (1429) Handle- *Activist_0*, Best Global Rank -1795—[Link](#)

Leetcode : Highest Rated-1826 (Top 6.25%), Handle- *shikhar_ug*—[Link](#)