Aman Singh

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY
Masters in Computer Application
Grad. May 2025 (Expected)
Cum. GPA: 7.50*

UNIVERSITY OF LUCKNOW, LUCKNOW
Bachelors in Science
Grad. May 2021
Cum. Percentage: 65.05

LINKS

Leetcode :// **Amanks009**
Github:// **amanks009**
LinkedIn:// **Aman Kumar Singh**

COURSEWORK

Operating System
Database Management System
Data Structures and Algorithm
Object Oriented Programming
Computer Networking
Design And Analysis of Algorithm

SKILLS

PROGRAMMING

Language:
• Proficient:- C++,
• Intermediate:- Javascript, C
• Novice:- Java, Python

Tools
• Git • Github • Vs Code

Frameworks & Libraries
• ReactJS • Mongoose
• TailwindCSS
• ExpressJS

Other Technologies
• SQL • MongoDB
• Postman

PROJECT

JOURNAL PUBLICATION WEBSITE React | NodeJS | ExpressJS | MongoDB
May 2024
- Collaborated on a project assigned by a CA department professor at NIT Trichy
- Developed a user-friendly website enabling Research Scholars to upload their thesis and allowing Heads to review and suggest changes online.
- The platform will support 100+ scholars of our college to work on their projects seamlessly.

COLLEGEKART | ReactJS | Nodejs | ExpressJs | MongoDB
Mar 2024 | Github

- Created a platform for students from different colleges to facilitate buying and selling their products.
- Enabled sellers to effortlessly list items, update product details, and delete listings(CRUD operations).
- Facilitated users to filter,like, search for products within their nearby location, and view detailed product information and contact information of seller.

FACIAL EXPRESSION RECOGNITION | Pandas | NumPy | Tensorflow | Keras
Mar 2023 | Notebook

- Developed a machine learning model to classify facial expressions from images using a Kaggle dataset.
- Preprocessed data, built and trained a neural network with Keras and TensorFlow, and applied data augmentation.
- Evaluated model performance using confusion matrix and classification report, achieving high accuracy.

EXPERIENCE

SOFTREC | Alumni Liason, Softech Incharge
Mar 2023 – Mar 2024
Juniors Meet:

- Mentored 110 juniors, offering basic instruction in web development and machine learning.
- Tailored guidance to match each individual's interests, fostering their passion and skill growth in these fields.

ACHEIVEMENTS

2022	39/25k	NIT MCA Entrance Test(NIMCET)
2024	Global Rank 403	Starters 128 Division 4 (Rated)
2024	Global Rank 109	CodeChef Starters 144 Div 3

EXTRACURRICULAR ACTIVITIES:

- Led and managed all public relations activities for Version'24.
- Competed on behalf of two different districts in state-level table tennis tournaments.