

Aditya Mehrotra

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EDUCATION

B.Tech Instrumentation and Control

New Delhi | May 2024

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

Coursework: Data Structures and Algorithms; Operating Systems; Database Management Systems;

WORK EXPERIENCE

JSW ONE PLATFORMS | SOFTWARE DEVELOPMENT ENGINEER INTERN

Mumbai | May 2023 – July 2023

- Designed and implemented an admin panel for managing different masters available in the system using **Next.js** and **TypeScript** to visualize data stored.
- Created custom front-end for **Rest API** which were used to perform **CRUD** operation on Products and Variants.
- Optimized the existing functions to decrease the Cognitive Complexity and created more readable functions.
- Setup pre-commit hooks using **Husky**, which lead to the Code-base having uniformity and ran **ESlint** before being pushed.

RAILTEL CORPORATION OF INDIA LIMITED | INTERNSHIP

Gurugram | May 2022 - June 2022

- Deployed and configured a **Microsoft SQL cluster**.
- Learned how to deploy a Windows failover cluster.

PROJECTS

DANK FOOTBALL WEBSITE

REACT.JS, EXPRESS, NODE.JS, MONGODB, MATERIAL UI, JAVASCRIPT

Collaborated on a Full stack blog posting website for Football fans.

- In the site we developed a working user login and profile system.
- Site has the features to comment on blogs, view user profiles, posting blogs.

CLASSIFICATION OF DEEPPAKES USING CNN

TENSORFLOW, KERAS, PANDAS, NUMPY, MATPLOTLIB, PYTHON

Developed a Convolution neural network to classify AI generated and real faces which were sourced from a GAN created by NVIDIA.

- Used Hyperparameter Tuning for best results.
- An accuracy of 98.9% was achieved

PORTFOLIO WEBSITE

NEXT.JS, TAILWIND CSS, SHADCN, MONGODB

A portfolio website which showcases my past experiences, projects and skills.

- Access the github repository from this <https://github.com/aditya-mehrotra/Portfolio>

THEOBROMA WEBSITE

HTML, CSS, BOOTSTRAP

Developed a clone of the Frontend of an e-commerce site.

SKILLS

Languages: C++, Python, SQL, Typescript, Javascript, HTML, CSS

Web Development: Nuxt.js, Next.js, React, Vue.js, JavaScript, TypeScript, HTML/CSS

Technology: Git, AWS, Docker, MongoDB

ML Modelling: NumPy, Sklearn, Pandas, Matplotlib