



SHRUTI

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LINKS



[GITHUB](#)



[WEBSITE](#)



[LINKEDIN](#)

SKILLS

Languages:

C++

Python

HTML/CSS

JavaScript

Tools:

Git

Bootstrap

Angular

React

NodeJS

MySQL

MongoDB

AWS

Scikit-Learn

OS:

Windows

Linux

RELEVANT SUBJECTS

- Machine Learning
- Cloud Computing
- Computer Networks
- Operating Systems

ACCOMPLISHMENTS

- 4* Coder on CodeChef
- Codevita Rank 328

PROJECTS & IMPLEMENTATIONS

MEDICAL SHOP UI:

- Front-End & UI: **Angular, Bootstrap**
- Backend: **Firebase & Firebase Real-Time Database**
- Online Store front for local Medical Shop
Common UI for store owner and customer with different privileges
- [GitHub Website](#)

Denoising Handwritten Digits using CNN (Computer Vision):

- Added Gaussian noise to the **MNIST** handwritten digit dataset
- Implemented a **CNN** with noisy digit as input and denoised the image with a val-loss of 0.15
- Extracted the trained encoder and fine-tuned only the **FC layer** to classify the noisy digits with a val-loss of 0.09
- [GitHub](#)

MACHINE LEARNING:

- Sentiment Analysis for Text Data
- Experimented with various Machine Learning Classification Algorithms
- Used **Scikit-Learn** Python Libraries for ML Models and **Keras** for Deep Learning Models
- [Link](#)

DRAG & DROP UI:

- Frontend (**React**), Database (**Cloud Firestore**).
- Optimized for minimum no. of reads from dB.
- [GitHub Website](#)

PERSONAL PORTFOLIO:

- Technology: **Angular, HTML, CSS**
- [Link](#)

TRAININGS & WORK EXPERIENCE

IOT Training under Internshala:

- Used Bolt IOT module to build **IOT Monitoring systems**
- Used Bolt **Cloud, APIs and Alert** systems
- Used Machine Learning Algorithms with Bolt.

EDUCATION

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA (2017-2021)

B.Tech (Electrical Engineering) – 8 (CGPA)

SRT SCHOOL, MUZAFFARPUR (2015-16)

Higher Secondary – 86.6 %

TRIDENT PUBLIC SCHOOL (2013-14)

Secondary – 10 (CGPA out of 10)