Tanweer Ali

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tanweerali.me

EDUCATION

NIT, TRICHY
B.TECH IN INSTRUMENTATION AND CONTROL ENGINEERING
MINOR IN COMPUTER SCIENCE AND ENGINEERING
Expected August 2022
Cum. GPA: 7.04 / 10

SREE AYYAPPA PUBLIC SCHOOL, BOKARO STEEL CITY
Grad. May 2017| BOKARO
CBSE 12th Percentage: 86.8

ADARSH VIDYA MANDIR
May 2015| BOKARO
CBSE 10th CGPA: 9.8/10

LINKS

Github:// **tanweeralii**
LinkedIn:// **tanweeralii**

COURSEWORK

UNDERGRADUATE
Algorithms and Data Structures
Operating System
Computer Networks
Computer Organisation
Data Base Management System
Network Security

SKILLS

PROGRAMMING
C++ • C
WEB DEVELOPMENT
Angular • NodeJS • Django • Jquery
ExpressJS • PHP• HTML • CSS
TOOLS AND DATABASES
MongoDB • MySQL • PostgreSQL
Git
FAMILIAR
AWS • Docker • Linux

AWARDS

• 2018 - Qualified for a Standard Laptop in the AIEESE-2018(primary)

EXPERIENCE

NAVRITI | SOFTWARE ENGINEERING INTERN
Sept 2020 - April 2021 | New Delhi, IN
- Developed a device monitoring system from where Admin can **monitor all the system and servers** connected to Navriti.
- Built using **Django Framework** for backend with **.NET console application** running as windows service to connect local system with server through socket and run scripts commanded remotely.
- **Powershell script runs through task scheduler** in windows to ping server about status of windows system.
- Major feature includes connecting any system remotely through **socket/django Channels** and run script to turn off, Disk cleanup, Restart, System Update, Delete Temporary Memories, etc.

OIR, NIT, TRICHY | WEB TEAM OF OIR
Sep 2020 - May 2021
- OIR is Office of International Relations, NIT TRICHY.
- Web Development Team is responsible for maintaining the OIR's website.
- As part of Web Team, Developed a portal where professors can host project ideas and students can propose to complete the project with professor in given time duration.

PROJECTS

PROCTORING-PANEL | A VIDEO CONFERENCING WEB APPLICATION
May 2021 – July 2021 | https://github.com/tanweeralii/Proctoring-Panel
- A web application to **conduct online tests**.
- Candidates are monitored by proctor.
- Proctor's screen **streams video-cam** of all candidates while Candidates screen shows Question Papers and at the same time publishing audio and video.
- Proctor can see screen of any candidate and also announce publicly through public chat.
- Used **WebRTC** based open source media server **Openvidu** to create this **Angular11** based video conferencing application.

SYNCHLY | DELTA WINTER OF CODE 2020
Dec 2020 - Feb 2021 | https://github.com/hariprasanths/synchly
- Synchly is an open source tool to **Automate database backups** with customizable recurring schedules.
- Added **PostgreSQL**, **MondoDB** and **Redis** Database Support.
- **S3** Cloud Backup support also added.

CONTAINER-MANAGER | DOCKER'S MANAGER
March 2020 | https://github.com/tanweeralii/Container-Manager
- A **NodeJS** Web app to **manage Docker's Container** like stop, start, restart containers, etc.
- User can also list Available Images, List all containers and List running containers present in host's system.
- **Jquery Terminal** is used to create **web terminals** where users can execute bash commands directly inside running containers and also get the response.
- **Upload files** upto 200MB inside running container at any location from web application.