# Vansh Jangir

9649542580 | Mail | Github | LinkedIn

## EDUCATION

**IIIT Naya Raipur**                                                Raipur, Chhattisgarh
*B.Tech. in Data Science and Artificial Intelligence*                *2022 – Present*
CGPA: 8.59

**Dundlod VidyaPeeth**                                              Jhunjhunu, Rajasthan
*CBSE 12th - 95.00%*                                                        *2015 – 2022*

**Relevant Course**
*DSA, AIML, Reinforcement Learning, Operating Systems, DBMS, OOPS*

## PROJECTS

**Load Balancer[WIP]** | *C++, Multi-threading, Epoll, Socket-API*                github
- A Load Balancer that distributes incoming network traffic to multiple servers.
- Monitor server health and give real time statistics.
- Leverages on multi-threading and epoll to reduce latency.
- Can be deployed with any kind of http server.

**EasyCode** | *JavaScript, NodeJS, Docker, ReactJS, ExpressJS, MongoDB*          github
- An Online platform to practice algorithmic problems.
- Uses ReactJS for State Management.
- Uses NodeJS with ExpressJS as backend for server-side computing.
- Uses Docker to run submitted code in a containerized environment.

**Asset Manager** | *C#, GDScript, Godot 4, dotnet*                               github
- An Asset Manager to ease the asset finding process in game development.
- Web scrapping is used to fetch free online assets.
- Selenium Web Driver is used to automate the browser to execute scripts.

**Hate-Speech Detection** | *Python, JavaScript, Flask, Scikit-learn, Gensim*     github
- A web app that separates hate speech comments from a document.
- Uses word2vec model for feature extraction and Support vector machine for classification.
- Uses Flask as backend for the web application.

## OTHER CONTRIBUTIONS

**Rizin** | *C/C++, Deassembler, Decompiler*                                      github
- Merged two pull requests in the open sourced rizin codebase.

## TECHNICAL SKILLS

**Languages**: C, C++, JavaScript, Python, C#, SQL.
**Tools**: GNU/Linux, Git, Docker, MongoDB, Make, CMake, Vim/Neovim, POSIX threads, socket programming, HTML, CSS, ReactJS, NodeJS, NextJS, ExpressJS, Flask.

## OTHER INTERESTS

**Hobbies**: Reading Books, Movies
**Sports**: Volleyball, Cricket
**Languages**: Hindi, English