JINIT JAIN

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EDUCATION

Bachelor in Computer Engineering, University of Mumbai, *CGPA*: 9.54   **2018 - 2022**
- Applied Math, Graph Theory, Algorithms, Operating Systems, Database Management, and Machine Learning.

SKILLS

Languages: Java, Python.
App-Development: React-Native, Firebase, and Firestore.
Web-Development: HTML, CSS, Bootstrap, jQuery, JavaScript, ReactJS, Express.js, NodeJS, and Django.
Tools and Others: Git, SQL, NumPy, pandas, and scikit-learn.

EXPERIENCE

Full Stack Developer Intern, ThirdEssential, Indore (Remote)   **July'2020-Sept'2020**
- Build a **Fitness** React Native application and consolidated features like video **live-streaming**, uploading videos, displaying **GIFs** of exercises and generating feed for users using JavaScript libraries.
- Created login and signup portal with **Google**, **Facebook** authentication and Email confirmation using **Firebase**.
- Used **Node.js** for REST APIs and **MongoDB** to handle data of the user's diet and provide recommendations.

Software Engineering Intern, GeekWork Technologies, Mumbai   **Mar'2020-May'2020**
- Delivered **Fintech React Native** hybrid application from scratch using class and functional components to manage the user data maintained on **PHP** backend.
- Worked on their website's Node.js backend using **LoopBack** and frontend using **Radzen**.
- Consistency with the backend, creating UI, structuring codebase, integrating APIs and working on various client applications consisted of the majority of my work.

Contributor, DJ Unicode, Mumbai   **Oct'2019-May'2020**
- Built and developed an Inventory Management application for shopkeepers to keep track of their inventory. App allows owners to analyse sales and profits which are displayed in the form of graphs and tables.
- Used **React Native**, **Django** and **AWS** to manage the entire application's UI and backend respectively. (GitHub Link)

PROJECTS

Developer Hub:(Website)
- A platform for developers to collaborate and share their knowledge and experience.
- Features include uploading education details, creating posts, commenting on posts, liking posts, visiting profiles of developers.
- Used React-redux to develop website using HTML, CSS and Bootstrap for frontend and Nodejs, Express, MongoDB for the backend. (GitHub Link)

Chess Engine: (Website)
- A website to play and learn chess with computer with added functionalities to change the difficulty level against user.
- Implemented Minimax Algorithm and Alpha-beta pruning to predict most efficient move of computer and calculate advantages of both sides.
- Used HTML, CSS and JavaScript libraries to implement all the functionalities. (GitHub Link)

Sudoku Solver: (GitHub Link)
- Application to solve sudoku from input image using OpenCV and image processing.
- Trained neural network for digit recognition and Computer Vision to locate numbers from grids using thresholding, contours, and grids detection.
- Implemented backtracking algorithm to solve the entire grid in python and output the result.

Extracurriculars

- **Patent** and Research paper under review to penalize non-helmeted motorcyclists after extracting their number-plate.
- **Technical Committee** member at **DJ-Literary Society** (djvu.in) **-** Maintaining website using Ghost CMS for college events and coordinating with the team to manage and conduct college events.
- **Machine Learning Developer** at **DJ-Synapse** – Trained models to detect if motorcyclists are wearing helmets using OpenCV, YOLOv3 and penalize them after recognizing their number plate for violating traffic rules.
- Runner-up in **J.P. Morgan Code for Good**, 2020.
- Chief Minister's Scholarship, **Top 1% candidates** in Higher Secondary Certificate (12th Grade), 2018.