Yadava Kishore Chodipilli

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Description

I like the world of deep learning and blockchain. I also like making web and mobile apps end to end. I am an avid learner. I continuously try to adapt to new and future proof technologies.

Education

Indian Institute of Technology, Bhilai July 2019 – May 2023
Bachelor of Technology in Electrical Engineering (Department of EECS) *CGPA: 7.76/10*

Ascent Classes, Visakhapatnam July 2016 – April 2018
Intermediate (Class XII) *Percentage: 90.7*

Technical Skills

Programming Languages: Python, Javascript/Typescript, C/C++, Dart, SQL, HTML, CSS, Solidity, Go

Databases: MongoDB, MySQL, Neo4j

Backend:

. Python: Django, FastApi
. Javascript (Node): NestJS, Express
. APIs: REST, GraphQL

Fronend:

. JavaScript: ReactJS, NextJS, MaterialUI, ReactNative
. CSS: TailwindCSS, Styled Components, SCSS(BEM style)
. Dart: Flutter

DevOps: Kubernetes, Docker, Git, Linux, Ansible, Prometheus, Github Actions, GitLab CI/CD

AI/ML: MachineLearning, DeepLearning, Pytorch, Tensorflow(keras)

Digital Arts: Photoshop, Illustrator, Davinci Resolve, Figma

Web3: Web3.js, Ethers.js, Truffle, Hardhat, Remix, OpenZeppelin, DeFi domain knowledge

Experience

Web3 Developer Intern April 2022 – August 2022
Myriad, https:// www.linkedin.com/ company/ myriadco/ *Remote*

- Worked on many projects
  . Unite Finace
  . Brainiac Finance
  . Penrose
  . Unite Arcade
  . Unite Roll
- Domains:
  . DeFi: vaults and farms
  . Gaming: frontend

Projects

- **CNN Detection**
  https://github.com/kishore-LR5A/ml_cs550.git
  Course: CS550 Machine Learning
  Technologies used: Deep learning library "Pytorch", trained on google colab.
  Description: This machine learning model detects the images that were generated by machine learning models.

- **Prince Cipher Cryptanalysis & Chat Application**
  https://github.com/srilekhaK9120/Prince
  Course: Cryptography
  Technologies used: NextJS (Javascript) for frontend, FastAPI (Python) for backend.
  Description: Implemented Encryption, Decryption, and Cryptanalysis of Prince Cipher. Developed a chat application, where we used socket programming and prince cipher for encrypting and decrypting the messages and SHA256 for password safety.
- **Medical Diagnosis App**
  Course: Data Analytics and Visualization
  https://github.com/kishore-LR5A/ds250_medical_diagnosis
  Technologies used: NextJS (Typescript) for frontend, FastAPI (Python) for backend.
  Description: A decision tree model trained on disease symptoms to detect corresponding diseases, model deployed in a web application.
- **Medium Clone, sanity.io CMS**
  https://github.com/kishore-LR5A/sanityCMS.git
  Technologies used: NextJS (Javascript) for frontend, sanity as Content Management System.
  Description: A Medium Clone app developed with sanity cms for managing blogs, articles etc. Comments option is also available.
- **Spotify Clone with spotify api**
  https://github.com/kishore-LR5A/spotify2_clone.git
  Technologies used: NextJS (Javascript) for frontend, spotify api (realtime data sink with all signed in devices).
  Description: Spotify clone, built with spotify api, actions will reflect on the spotify apps.
- **Bomb Dashboard for bomb.money**
  https://github.com/kishore-LR5A/bomb-dashboard-yaadava_kishore.git
  Deployed Netlify Website: https://bomb-dashboard-yaadava-kishore.netlify.app/dashboard
  Description: Created dashboard by scrapping values from the existing bomb.money website and integrated it into their github code. Deployed with Netlify.
- **Coin Flip Smart Contract**
  https://github.com/kishore-LR5A/blockchain-coinflip.git
  Technologies used: Ganache, Remix, solidity
  Description: CoinFlip game smartContract developed in solidity.
- **Edge Detection**
  https://github.com/kishore-LR5A/edge_detection
  Technologies used: Flutter and Dart, Sobel Edge Detection algorithm.
  Description: Given an image, detects the edges of the image.
- **Smart Street Light System, Independent Project**
  https://github.com/kishore-LR5A/idp_ssl.git
  Technologies used: Flutter, TensorFlow object detection model.
  Description: This mobile application can detect objects like person, vehicles, bicycle and turns on street lights automatically. Developed to reduce energy wastage through street lights.

Positions of Responsibility

∗ Core Member of Management Committe, COSA, IIT Bhilai 2020 – 2021

Relevant Courses

Introduction to Machine Learning, Computer Networks, Cryptography, Data Structures, Algorithms, Data Analytics and Visualization, Database Management Systems(RDBMS), Operating Systems.