NILKANT MANIK

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TECHNICAL SKILL

Frontend - ReactJs, Redux, Reduxtoolkit, HTML, CSS, ReactNative, NextJs
Backend - NodeJs, ExpressJs
Database - MongoDB, MySql
Other - C++, Python, Java, Git, JavaScript, DSA, OOPs, Docker, K8s

PROJECTS

E-commerce website

Tech Stack - ReactJS, NodeJS, Express, MongoDB, Redux, JWT, Nodemailer.

- Implemented secure user login and access control using JSON Web Tokens(JWT) for enhanced data protection with multiple user and product pages.
- .Developed robust server-side logic and RESTful APIs with NodeJS and Express for smooth communication between the client and the MongoDB.
- Managed product data, user information ,order and transactions using MongoDB.
- Implemented filter and search features allowing users to refine product listings based on criteria such as rating, category and price.
- Implemented Redux for efficient state management, ensuring consistent data flow and responsiveness accross the application.
- Integrated Stripe Payment gateway for seamless and secure card transactions on the e-commerce platform,enhancing the user experience and for efficient online payments.
- Implemented Pagination in backend for handling large data in efficient way.
- Utilized Cloudinary for effiecint image storage, ensuring optimized performance and seamless handling of images.

Stock Pulse - Price Monitoring Application

Tech Stack - MERN, NewsApi, web scraping, AlphaVantage, Docker, Kubernetes.

- Provides real-time stock prices and comprehensive data for selected companies.
- AlphaVantage API for efficient company search and autocomplete feature.
- News API for real-time news related to stock market and business.
- Containerized the application by creating frontend and backend images, and integrated them with a MongoDB image.
- Implemented availability and load balancing strategies using Kubernetes for optimal performance.

Eye disease detection using ML Models

Tech Stack - ReactJS,NodeJS,Express,MongoDB,Redux,FastApi.

- Implemented an Ensemble model by combining ResNet50, VGG19, and EfficientNet-b0 with weighted average for eye image classification.
- Trained ML model is saved and created an API using Fast-API to send image to the model and get the prediction from the model.
- User-friendly web application built using MERN stack in this model was integrated for prediction.

EDUCATION

B.tech in CSE , PES University, Electronic City, Bangalore — CGPA -7.53
PUC Shree Guru IND. PU College Kalaburagi, Karnataka — Percentage -86.5