


NILKANT MANIK

ENGINEERING GRADUATE

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TECHNICAL SKILL

Frontend – ReactJs, Redux, Reduxtoolkit, CSS, ReactNative

Backend – NodeJs, ExpressJs

Database – MongoDB, MySql

Other – C++, Python, Java, Git, DSA, AWS, OOPs, Docker, K8's

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 across 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 efficient 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

PUC Shree Guru IND. PU College Kalaburagi, Karnataka

CGPA –7.53

Percentage –7.53