Praveen Talari

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Linkedin | GitHub | CodeChef | LeetCode | Portfolio

EDUCATION

DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY — August 2020 - May 2024
Bachelor of Technology in Computer Science and Engineering — Vijayawada
CGPA: 8.0

NARAYANA JUNIOR COLLEGE — July 2018 - March 2020
Class XII Maths, Physics, Chemistry — Machilipatnam
CGPA: 9.6

GEORGE CORONATION HIGH SCHOOL — June 2015 - April 2018
Class X — Machilipatnam
CGPA: 9.7

SKILLS

Programming Languages	Python, HTML, CSS
Libraries/Frameworks	ReactJs, React, ExpressJs, NodeJs
Tools / Platforms	Git, Linux
Databases	MySQL, Sql, Sqlite

PROJECTS / OPEN-SOURCE

COVID-19 DASHBOARD | Link

Developed a comprehensive COVID-19 dashboard using **React JS , Node.js , and MongoDB** to provide real-time updates on coronavirus cases, deaths, and recoveries worldwide. The dashboard features interactive data visualizations such as charts and maps, displaying trends and statistics at regional, and country levels.

The COVID-19 dashboard provided a valuable tool for tracking the progression of the pandemic, enabling users to stay informed about the latest statistics and trends. It served as a reliable resource for health organizations, policymakers, and the general public, contributing to global efforts in combating the spread of the virus.

NXT TRENDZ | Link

Developed an ecommerce shopping cart application using **React JS , React components , React Context , and JWT token authentication .**

Implemented a user-friendly interface for browsing products, adding them to cart, and managing orders.

Utilized React components for modularity and reusability, enhancing the development efficiency.

Integrated React Context for managing the global state, ensuring seamless data flow throughout the application. Implemented JWT token authentication for secure user authentication and authorization.

- Enjoy a variety of secure payment methods, including credit/debit cards, digital wallets, and net banking. Our platform ensures the highest level of security for your transactions. Easily add, remove, and update items in your shopping cart.

JOBBY APP | Link

I developed Jobby, a job search and recruitment application modeled after platforms like Naukri. This app streamlines job searches for users and recruiters alike, offering a seamless platform for job posting, application, and hiring processes.

Key features include secure **authentication using JWT tokens** , comprehensive job listings with filters for location, job type, and salary range, a resume builder feature, recruiter dashboard for managing job postings and applications.

Jobby has significantly impacted job seekers by providing them with easier access to job opportunities and has simplified the recruitment process for recruiters, making hiring more efficient.

NXT WATCH | Link

Developed NxtWatch, a video streaming platform similar to YouTube, using React JS for the frontend. Implemented React components, React Context , and JWT tokens for user authentication and authorization.

Designed and developed responsive user interfaces for video playback, playlists, and user profiles. Integrated APIs for video uploading, user comments, likes, and subscriptions.

Ensured cross-browser compatibility and optimized performance for a seamless user experience. Implemented features such as video recommendations, trending videos, and user activity feeds.

FAKE CHEQUE DETECTION SYSTEM | Link

python, flask, deep learning

- This new online cheque curation and abstract system has become essential feature in modern banking system, allowing users to conveniently validate paper cheque remotely through digital platforms, eliminating the need for physical visits to bank.
- Traditional methods of cheque processing involve manual handling, which can be time - consuming and error-prone. The proposed system leverages deep learning models such as Residual Network (ResNet) and Optical Character Recognition (OCR), and to achieve accurate and efficient recognition of handwritten and printed text on cheques.
- By training on a diverse dataset of cheque images, the models are capable of identifying critical information like the payers name, amount, and date. Users can capture cheque images using their smart phones or other devices, and the deep learning models process the images to extract relevant information.
- The system performs authenticity verification through watermark analysis, micro printing detection, and signature verification. Once the cheque is validated, the extracted information will be displayed to users screen. The online cheque curation and abstract system is to revolutionize the efficiency and accuracy of cheques recognition and processing.
- And customer can speedily validate cheques easily, dont have visit a physical bank, and cost savings.

CERTIFICATIONS

- Azure Fundamentals(AZ-900) - Microsoft
- Azure Data Engineer(DP-203) - Microsoft
- Responsive Web Designer - Freecodecamp
- Python Basics - Hackerrank
- The Joy Of Computing Using Python - NPTEL

HONORS & AWARDS

- Got AIR 298 Coding Ninjas National Premier League
- 2 star coder at CodeChef
- 2nd Institute rank in GeeksforGeeks
- 200+ Problem Solver in LeetCode
- 4 star Problem Solver at Hacker Rank