U DURGA PRASANNA

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PROFESSIONAL SUMMARY

Enthusiastic and adaptable Computer Science graduate with a solid understanding of software development principles and a passion for building intuitive user interfaces. Skilled in React.js and front-end technologies, with practical experience developing responsive web applications. Known for strong analytical thinking, fast learning, and a proactive approach to solving technical challenges. Seeking an entry-level opportunity to grow as a developer and contribute to impactful, user-centric software solutions.

SKILLS

- **Programming Languages & Database :** Python, Java, MySQL
- **Frontend Development:** React, HTML, CSS, Tailwind CSS, Redux, JavaScript
- **Version Control:** Git, GitHub

EDUCATION

Bachelor of Engineering in Computer Science and Engineering **2020 - 2024**
Sri Ramakrishna Institute of Technology, Coimbatore CGPA: 8.0

Higher Secondary Certificate (HSC) **2019 - 2020**
G.S Hindu Higher Secondary School, Srivilliputhur Percentage: 74.5%

Secondary School Leaving Certificate (SSLC) **2017 - 2018**
G.S Hindu Higher Secondary School, Srivilliputhur Percentage: 86.2%

PROJECTS

News Aggregator Application - LINK

- **Tech Stack: React, TypeScript, Tailwind CSS, Redux**
- Developed a fully responsive, real-time news aggregator application with a clean UI, leveraging public news APIs to fetch and display articles dynamically.
- Implemented category-based filtering (e.g., business, technology) along with a search feature for quick content discovery.
- Utilized Redux for scalable and efficient state management across components, ensuring smooth UX on all device sizes.

Coffee Shop E-Commerce Website - LINK

- **Tech Stack: React, Tailwind CSS, Context API**
- Designed and built a dynamic e-commerce website for a coffee shop with an emphasis on aesthetics and user interaction.
- Integrated a front-end cart system using React's Context API to manage cart state globally without external libraries.
- Delivered a modern, mobile-friendly layout focused on accessibility and conversion-oriented UI patterns.

Hearing Loss Prediction Using Machine Learning

- **Tech Stack: Python, Scikit-learn, Anaconda**
- Engineered and trained machine learning models including Random Forest and Logistic Regression to predict the likelihood of hearing loss.
- Conducted data preprocessing and feature engineering to enhance model accuracy and reliability.
- Evaluated models using performance metrics such as accuracy, precision, and recall to ensure robustness of predictions.

INTERNSHIP

Hogist Technologies Pvt Ltd - Chennai
Frontend Developer - Feb 2025 - May 2025

Gateway Software Solutions - Coimbatore
App Development - July - 2022

CERTIFICATIONS

- Business English Certification (BEC)
- Cloud Computing - NPTEL