Prasanna S

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EDUCATION

Nxtwave Disruptive Technologies   **Feb 2023 - Ongoing**
Industry Ready Certification in Full-stack Development

Coimbatore Institute of Engineering and Technology, Coimbatore   **2021 - 2025**
BE (Bachelor of Engineering)_Computer Science Engineering (CSE) (7.8 CGPA)

infant jesus matriculation higher secondary school, Devakottai   **2019 - 2021**
Intermediate_MPC (88.88%)

Infant Jesus Matriculation Higher Secondary School, Devakottai   **2018 - 2019**
Secondary School Of Certificate (87.0%)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js
Backend: Python, Express, Node.js
Databases: SQLite
Other skills: Express(node), Flexbox, Git, OOPs, User Interface (UI)
Design

PROJECTS

Nxt Watch (prasannawatch.ccbp.tech)
Built the Nxt Watch application, modelled after YouTube, enabling users to log in, explore video categories such as Trending and Gaming, access saved videos, and search for specific content while adjusting the interface theme.
- Developed Login, Home, Trending, Gaming, and Saved videos pages utilising React components, props, state management, lists, and event handling.
- Facilitated user authentication with username/password input, login API calls, and maintained persistent login states using JWT tokens and local storage.
- Incorporated React Router components for distinct routes and protected access, redirecting unauthenticated users to the login page.

Technologies used: React JS, JavaScript, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication.

Nxt Trendz (ECommerce Clone - Amazon, Flipkart) (prasannapro7.ccbp.tech)
Developed a cutting-edge e-commerce platform inspired by Amazon and Flipkart.
- Built pages for Login, Products, and Product details with React Router, React components, form inputs, and event handlers.
- Enabled secure authentication and authorization with JWT tokens and REST API calls.

Technologies used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

Food Munch (wikisearchme.ccbp.tech)
Discover the world of food with this responsive website that showcases a comprehensive list of food items.

- Designed with a user-centric approach, this website features HTML structure elements and Bootstrap components to ensure a seamless experience.
- Get a closer look at the food items with product videos, available at the click of a button.

Technologies used: HTML, CSS, Bootstrap

Voice Assistant Using Python ()

Created a voice-controlled personal assistant that automates daily tasks and responds conversationally using speech recognition and text-to-speech technologies.

- Designed and implemented a speech-based interaction system using SpeechRecognition, pyttsx3, and gTTS for seamless user communication.
- Automated essential tasks such as date/time retrieval, web searches, application launching, and weather/news updates.
- Integrated external APIs (Wikipedia, OpenWeatherMap, NewsAPI) to deliver real-time information in response to user queries.

Technologies used: Python, SpeechRecognition, pyttsx3, gTTS, Webbrowser, Requests, REST API integration (Wikipedia, Weather, News)

Technologies used: Python, Git, GitHub

WORK EXPERIENCE

XYLOINC (Application Developer Intern)   **Jul 2024 - Oct 2024**

Coimbatore, Tamil Nadu

Vibstech Education Platform: Developed an innovative e-learning platform using React.js, Tailwind CSS, and Firebase, enhancing user engagement with interactive tools and flexible course offerings in SAP, AR/VR, and cybersecurity.

Idzone Digital Identity Management System: Led a team of five in planning and architecting the Idzone project, a comprehensive digital identity management system utilizing Reactjs and Tailwind CSS. Demonstrated strong leadership and project management skills by ensuring project milestones were met on time and to high-quality standards.

Technical Skills: Gained hands-on experience with modern web technologies and frameworks, significantly enhancing my development skills and team collaboration capabilities.

ACHIEVEMENTS

Top 10 Finalist, TechnoVerse Hackathon

Participated in the regional-level TechnoVerse Hackathon organized by Cognizant. Developed a Generative AI application that suggests health insurance policies tailored to user requirements, securing a position among the top 10 teams out of 150 participants. This experience enhanced my problem-solving abilities and showcased my capacity for innovative thinking in technology.

Consistent Learner – NxtWave CCBP 4.0 Academy

Maintained a learning streak of 250+ consecutive days on the NxtWave platform, demonstrating strong discipline, time management, and commitment to continuous upskilling in full-stack development and emerging technologies.