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EDUCATION

Jawaharlal Nehru Technological University , Kakinada	August 2020- April 2023
Bachelor of Engineering in Electrical and Electronics Engineering	7.0 / 10 CGPA
Sir C R Reddy Polytechnic College , Eluru	June 2017- May 2020
Diploma in Electrical and Electronics Engineering	83.11 / 100 %
St. Xavier's English Medium High School , Eluru	June 2016- March 2017
SSC	9.5 / 10 GPA

WORK EXPERIENCE

#1 IncraSoft Private Limited

Angular Developer | June 2023 - Present

As the sole front-end Angular developer in a small, agile team of three, working alongside two backend developers, I played a key role in the design, development, and implementation of HealthO, a healthcare administration platform.

Responsibilities:

- UI/UX Development : Led front-end development, creating responsive and user-friendly interfaces for healthcare professionals and patients.
- API Integrations : Integrated APIs to sync patient data, billing, and reporting systems, ensuring smooth data flow.
- Authentication & Security : Developed secure authentication and role-based access control for various user types (doctors, patients, staff).
- Patient Billing & Reporting : Built patient billing, invoicing, and financial reporting features.
- Performance Optimization : Enhanced app performance, improving speed and responsiveness for large datasets.

Achievements:

- Positive Feedback : Received praise for the platform's intuitive UI, fast implementation, and smooth functionality from healthcare professionals and administrative users.
- Successful Feature Delivery : Delivered key features on time, including patient dashboards, billing systems, and dynamic reporting tools.

TECHNICAL SKILLS

- Angular
- JavaScript/Typescript
- HTML
- Python
- CSS, SCSS, Bootstrap, Tailwind CSS
- MySql

PROJECTS

#5 HealthO, LIMS/HIMS Platform

Angular, Web API, Websocket, UI/UX, Authentication, Typescript, Bootstrap, HTML, SCSS

HealthO is an integrated, end-to-end Hospital Management System (HMS), Lab Management System (LMS), Clinic Management, and Pharmacy Management solution designed for multi-specialty hospitals, clinics, laboratories, and pharmacies. It streamlines administration, patient care, and financial management, ensuring seamless information flow for effective, timely decision-making. The system enhances patient safety, care quality, and operational efficiency while reducing costs. The LMS connects analyzer equipment, manages lab workflows, and tracks samples, analyses, instruments, reports, and personnel qualifications. Fully customizable and scalable, HealthO optimizes efficiency, safety, and quality across all healthcare operations.

- UI/UX Design & Development : Led front-end development using Angular, creating responsive, user-friendly interfaces for healthcare professionals and patients. Tailored workflows for patient registration, billing, and reporting.
- API Integrations & Optimization : Managed API integrations for patient data, billing, and reporting systems. Optimized performance with efficient data handling, caching, and asynchronous requests.
- Real-time Communication with WebSockets : Integrated WebSockets for real-time patient data updates, ensuring immediate access to critical information.
- Authentication & Role-Based Access Control : Developed secure authentication with JWT and OAuth for doctors, staff, and patients, ensuring role-based access to sensitive data.
- Patient Billing & Reporting : Built features for patient billing, invoicing, and payment processing, along with a reporting system for health and financial data.
- Logins & Security : Implemented secure doctor and staff logins with encryption and role-specific access to patient records.
- Performance Optimization : Collaborated with back-end teams to enhance API performance, resolve bottlenecks, and improve system reliability.

#4 Word Sprint- Speed Typing Practice Application

React, JavaScript, CSS

Word Sprint is a web-based application designed to help users improve their typing skills, regardless of their current proficiency level. Whether you're a beginner looking to master the basics or an advanced typist aiming to increase speed and accuracy, this tool offers a customizable and engaging learning experience.

- Customizable Learning Experience : Users can adjust time limits, word targets, and difficulty levels to match their individual learning needs. This flexibility allows learners to focus on areas where they need the most improvement.
- Progressive Skill Development : The tool allows users to track their progress, helping them measure improvements in typing speed and accuracy. Feedback is provided immediately, motivating continual development.

- User-Friendly Interface : Designed with simplicity and ease of use in mind, the interface ensures smooth navigation, letting users concentrate on practice without distractions. The clean layout enhances the overall user experience.
- Real-Time Feedback : Immediate feedback on typing accuracy helps users correct mistakes on the spot, enhancing precision and speed over time.
- Engaging Practice Sessions : Customizable practice sessions allow users to work with different sets of words, phrases, or even personalized content. This variety helps keep the practice sessions fresh and motivating.
- URL : word-sprint.netlify.app

#3 Money Monitor - Personal Expense Tracker

React, JavaScript, HTML, CSS, MongoDB, Express.js, Node.js

Money Monitor is a web application built with the MERN stack (MongoDB, Express.js, React, Node.js) to help users track their expenses and manage budgets. It provides a simple, user-friendly platform for logging expenses, setting budgets, and visualizing financial data.

- Track daily expenses and categorize them (e.g., groceries, utilities).
- Set and manage custom budgets to avoid overspending.
- Visual reports and graphs to track spending patterns.
- Real-time updates for accurate expense management.
- Secure user authentication using JWT.
- Frontend: React (Deployed on Netlify)
- Backend: Node.js, Express.js (Deployed on Render)
- Database: MongoDB for data storage

#2 File Flyer - File Transformation

Angular, JavaScript, Tailwind CSS

FileFlyer is a web application that allows users to convert, encrypt, decrypt, and securely share files—all without the need for a server. Built using Angular, JavaScript, and Tailwind CSS, it provides a seamless and user-friendly experience for file management directly in the browser.

- Converts ZIP files into Base64 encoded strings and saves them as .txt files. This feature makes it easy to store and share the content of ZIP files securely.
- Encrypts ZIP files for secure storage and sharing, and allows users to decrypt them with the correct key, restoring the original files.
- Enables users to share encrypted files directly without relying on a backend server. A unique link is generated for easy and secure file access.
- Built with Angular for dynamic interactions and Tailwind CSS for a clean, responsive design, FileFlyer makes it simple to upload, convert, encrypt, and share files with minimal effort.

#1 CinePass - Movie Ticket Booking Platform

HTML, CSS, JavaScript

CinePass is a movie ticket booking platform showcasing front-end development skills. Built using HTML, CSS, and JavaScript, this platform offers a smooth, interactive experience for users looking to book movie tickets.

- Movie ticket booking platform showcasing frontend skills.
- Technologies Used: Built with HTML, CSS, and JavaScript.
- Features: Users can select shows, timings, and seats for a complete booking experience.
- shafi099.github.io/CinePass