SHAFI SHAIK

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WORK EXPERIENCE

#2 Entoss Technologies   March 2025 - Present

Software Engineer   *Remote*

- Developed and implemented key features for a comprehensive banking and loan management platform using Angular, Node.js, Express, and MongoDB.
- Engineered RESTful APIs with Node.js/Express to streamline core financial workflows for internal staff.
- Built responsive and intuitive user interfaces with Angular, enhancing the user experience for both staff and external clients.
- Collaborated with cross-functional teams to define requirements, design solutions, and troubleshoot issues throughout the development lifecycle.

#1 IncraSoft Private Limited   June 2023 – Feb 2025

Front End Developer   *Hyderabad, Telangana*

- Solely Worked on front-end development for the "HealthO" healthcare platform (Angular), collaborating closely with two backend developers (Node.js/Express) in an agile environment.
- Delivered intuitive and responsive UI/UX, enhancing usability for healthcare professionals and patients.
- Integrated essential backend APIs ensuring seamless data flow for patient records, billing, and reporting.
- Built key modules for patient billing and financial reporting, contributing directly to core platform functionality.
- Optimized front-end performance, significantly improving application speed and handling of large datasets.

TECHNICAL SKILLS

- Angular
- React
- Express JS
- Node JS
- Mongo DB
- JavaScript, Typescript
- HTML, CSS, SCSS, Bootstrap, Tailwind CSS
- C#, .Net

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**

PROJECTS

#5 Next Event Mobile Application

React Native, Express, MongoDB, Node.js

- Developed mobile application, handling **both frontend and backend** development to create a tool for administrators managing banquet hall bookings. The app allows monitoring, searching, and managing reservations effectively.
- Developed the frontend using **React Native** and **TypeScript**, implementing features like dynamic search, booking management (CRUD), and **virtual pagination** for smooth performance. Utilized **React Hooks** for state management and **Axios** for API communication.
- Created the robust backend API using **Node.js** and **Express.js**, interfacing with **MongoDB** via **Mongoose** for all data operations and user authentication.
- Deployed Backend Express, Node.Js on Netlify.

#4 AI-Powered Banking Loan Application

Angular, Express, Node.js

- Led the development for a team project creating a loan application platform with AI credit scoring, featuring a manager dashboard for score distribution, decisions, and insights.
- Implemented logic for dynamic data visualizations and reporting features within the dashboard.
- Integrate RESTful APIs (Node.js/Express based) handling credit scoring, borrower data, and decision tracking.

#3 HealthO, LIMS/HIMS Platform
Angular, Web API, Web Sockets, UI/UX, 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

- <u>UI/UX Design & Development</u> : Led front-end development using Angular, creating responsive, user-friendly interfaces for healthcare professionals and patients.
- <u>API Integrations & Optimization</u> : Managed API integrations for patient data, billing, and reporting systems. Optimized performance with efficient data handling, caching, and asynchronous requests.
- <u>Logins & Security</u> : Implemented secure doctor and staff logins with encryption and role-specific access to patient records.
- <u>Performance Optimization</u> : Collaborated with back-end teams to enhance API performance, resolve bottlenecks, and improve system reliability.

#2 Word Sprint- Speed Typing Practice Application
React, JavaScript, CSS

- Solely developed "Word Sprint," a web application using React to help users improve typing speed and accuracy through interactive practice.
- Developed a real-time feedback system to track user input, calculate Words Per Minute (WPM) and accuracy, and provide immediate visual feedback during practice.
- Implemented customizable practice sessions allowing users to set time limits, word targets, and difficulty levels using React state managed by Hooks (useState, useEffect).
- URL : word-sprint.netlify.app

#1 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 given files into encrypted form.
- URL: fileflyer.netlify.app