T. B. Siva prasad reddy

E-Mail: *sivaprasadreddytalapagala@gmail.com*   **Mobile: +919493766524**

CAREER OBJECTIVE

Software Developer with 2 year 10months of experience in developing Web Applications using Angular , Bootstrap Technologies and Nodejs. Looking for a challenging role in a reputable organization to utilize my technical and management skills for the growth of the organization as well as to enhance my knowledge about new technologies.

PROFESSIONAL SUMMARY

- 2 year 10months of extensive experience in Web Application Development with Technologies like Angular2 and above versions ,HTML5, CSS3, JavaScript, Bootstrap4/5 and nodejs.
- Experience in Creating Reusable Modules and Components.
- Experience in Developing Angular Web Application with Typescript,Reactive Forms using Angular Components,Routing,Angular Frame work,Rxjs.
- Worked with HTTP/HTTPS protocols by using angular components to build Rest Services.
- Ability to work with API developers in getting the data required for presenting.
- Hands on Development experience in Web based applications.
- Used Angular CLI and NPM for scaffolding the Angular Application.
- Participates in design reviews and provide input to design recommendations.
- Ability to share and integrate knowledge across workgroups
- Good Communicator,being able to express ideas clearly and concisely
- Developed robust backend functionalities by creating RESTful APIs for handling GET, POST, UPDATE, and DELETE operations, ensuring seamless communication between the frontend and backend of web applications.
- Proficient in utilizing Sequelize ORM to interact with relational databases, enhancing efficiency in data retrieval, storage, and manipulation within the web applications, thereby ensuring optimized and scalable database queries.
- Worked as Angular Developer at **Delta soft technologies** from 5th Jan 2021 to 24th Oct 2022.
- Worked as Angular Developer at **Key Point technologies** from 25th Oct 2022 to Present.

PROJECTS

- Cerina Chatbot
- MEITY

TECHNICAL SKILLS

Web Technologies: HTML5,CSS3,JavaScript,Angular 2 and above versions, Nodejs, Express, PostgreSql ,Sequelize ORM,Bootstrap4/5,Visual Studio.

Operating System: Microsoft Windows ,Linux

PROJECT DETAILS

Project Name: Cerina Chatbot

Description: Cerina Chatbot is a comprehensive chatbot solution built to enhance user interaction and support across various platforms. This project utilized Angular 12 for the frontend, Node.js, Express, and PostgreSQL for the backend, and Twilio Voice for IVR support.

Key Features:

- **Flow-Based Functionality:**Cerina Chatbot operates on predefined flows, including FAQs and word clusters, ensuring efficient responses to user queries.
- **Quick Replies:**It employs quick reply options to facilitate user engagement and guide them through various flows.
- **Statistics Tracking:** User interactions and queries are recorded in an Excel sheet, enabling insights into common user issues.
- **Graphical Data Representation:** The project offers graphical representations of user statistics, aiding in data-driven decision-making.
- **API Integration:** Flows are linked to APIs to gather user information and provide tailored responses.
- **Multilingual Support:** Cerina Chatbot communicates in multiple languages, expanding its accessibility.
- **Live Agent Integration:** In cases where the bot cannot respond effectively, users are offered the option to connect with a live agent.
- **Sentiment Analysis:** The chatbot employs sentiment analysis to gauge user mood and adjust responses accordingly.
- **Platform Integration:** Cerina Chatbot is integrated with various platforms, including WhatsApp, Telegram, Facebook, Instagram, and web interfaces.
- **IVR Support:** It has been extended to provide support for voice calls using Twilio Voice.

Technologies Used:

- Frontend: Angular 12
- Backend: Node.js, Express, PostgreSQL

Responsibilities:

• **Design and Architecture:** Led the design and architecture of Cerina Chatbot, ensuring scalability, modularity, and optimal user experience.

• **Frontend Development:** Developed the web application's frontend using Angular, integrating REST APIs for seamless user interaction.

• **Backend Development:** Utilized Node.js and Express to create a robust backend, enabling efficient data processing and integration with various APIs.

• **Database Management:** Designed and maintained the PostgreSQL database to store user interactions and statistics.

Outcome:

Cerina Chatbot enhances user engagement and support by offering a versatile, multilingual, and intelligent conversational interface that caters to user needs across text and voice interactions. The project demonstrates strong proficiency in frontend and backend technologies, API integration, data analytics, and user experience enhancement.

Project Name: MEITY (Ministry of Electronics and Information Technology) Project

Description:

• Collaborated with a multidisciplinary team on a comprehensive project for the Ministry of Electronics and Information Technology (MEITY).

• Utilized cutting-edge technologies to develop and enhance various modules aimed at fostering innovation and growth in the tech sector.

Key Modules and Responsibilities:

1. Startups:

◦ Designed and implemented the Startups module, providing a platform for emerging tech companies to showcase their products and services.

◦ Developed user-friendly interfaces using Angular 14 for seamless navigation and engagement.

2. Incubators:

◦ Created the Incubators module to support the nurturing of tech startups through mentorship and resources.

◦ Implemented robust backend functionalities using Node.js and Express.

3. Mentors:

◦ Developed the Mentors module to connect experienced professionals with startups, facilitating knowledge transfer and growth.

◦ Ensured secure data storage and retrieval using PostgreSQL.

4. COEs (Centers of Excellence):

◦ Designed the COEs module to promote specialized technology domains and research centers.

◦ Implemented features for COE application and management.

5. Accelerators:

  ◦ Created the Accelerators module to fast-track startup growth through curated programs and resources.

  ◦ Ensured optimal performance and scalability of the frontend and backend.

6. Investors:

  ◦ Developed the Investors module, connecting startups with potential investors and funding opportunities.

  ◦ Implemented secure data transmission and payment processing.

7. Grant Management:

  ◦ Designed and integrated the Grant Management module to streamline the application and approval process for grants.

  ◦ Implemented data validation and reporting features.

8. Labs and Facilities:

  ◦ Created the Labs and Facilities module, providing information about available research labs and facilities.

  ◦ Ensured a responsive and user-friendly frontend experience.

Technologies Used:

  • Frontend: Angular 14

  • Backend: Node.js, Express

  • Database: PostgreSQL

Outcome:

  • Successfully contributed to the development and deployment of a comprehensive platform that supports the growth of the tech ecosystem in alignment with MEITY's objectives.

  • Demonstrated proficiency in Angular 14, Node.js, Express, and PostgreSQL while collaborating on a high-impact government project.

EDUCATION PROFILE

B. com (General) –2019-march- Percentage: 63.43%

Sri Venkateshwara&Satya deva degree college, Tenali(Guntur), AN University.

PERSONAL DETAILS

Father's Name	:	T. Venkata Siva Reddy
Date of Birth	:	9th may, 1999
Gender	:	male
Nationality	:	Indian

Language known   :   English, and Telugu

Declaration:

I hereby declare that all the information mentioned above is true to the best of my knowledge and belief.

(T.B. Siva prasad reddy)