Yagneswara Rao Kantreddi

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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 and emerging trends in the IT sector.

Experience

04/2023 – PRESENT
Lead Research – Conversational AI / Miracle Software Systems
06/2019 – 4/2023
Research Associate / Miracle Software Systems

Technical Skills

Programming	:	Nodejs, Angular, JavaScript, ReactJs
Databases	:	Mongodb, Azure Cosmosdb(Mongo DB API), SQL basics
Cognitive Skills	:	LUIS, QnA Maker, Google Dialogflow, Microsoft Bot Framework, ALS
Cloud	:	Microsoft Azure
Others	:	Git, Gitlab CI, Azure devOps, Azure Open AI

Projects

GenAI App/ Frontend Developer

A web application that revolutionizes the users interact with AI-powered tools. Gen AI web app consists of a suite of Generative AI applications designed to enhance productivity and automate complex tasks.

Roles and Responsibilities

- Developed the user interface using React, a popular JavaScript library for building interactive UI components.
- Integrated multiple APIs to enable advanced functionality
- Conducted thorough testing and troubleshooting to identify and resolve UI and API-related issues, ensuring a smooth and error-free user experience.

Technology Stack

- Nodejs, Express, React, Azure cloud, Open AI

Cognitive Platform/ Backend Developer

Cognitive platform is a web application enables developers to develop NLP apps much easier with added functionalities like Utterance Recommendation engine, translation of entire model and export it to Google Dialog flow and Microsoft LUIS

Roles and Responsibilities

- Developing Nodejs Based backend with Express Js
- Using MSSQL as database and writing all SQL queries to make CRUD operations
- Working Gitlab CICD for continuous delivery to Microsoft Azure App Services
- Using Google Translate APIs to perform various functionalities like translating text, detecting text and recommending utterances to developers
- Researching on docker for deploying code into multiple environments

Technology Stack

- Nodejs, Express, MSSQL, Google Translate, Microsoft Azure, Docker, Gitlab CI

Live Agent Portal / Full stack Developer

Live Agent Portal, which seamlessly integrates with a chatbot to provide efficient customer support. This portal served as a seamless connection between customers and support agents, providing an efficient and effective means of resolving issues. The portal offered a user-friendly interface where customers could easily initiate a support session and connect with available agents in real-time.

Roles and Responsibilities

- Implemented user authentication and authorization features to ensure secure access and rolebased permissions for agents and administrators.
- Developed a dynamic user interface using Angular to enable agents to manage customer requests, track their status, and provide real-time updates.
- Integrated SSE events into the application's architecture, enabling agents to receive real-time notifications for new chat messages and updates from customers.
- Implemented RESTful APIs with Express.js and Node.js to handle data retrieval, storage, and manipulation from the MongoDB database.
- Conducted thorough testing and debugging to ensure the application's reliability, performance, and scalability.
- Continuously maintained and optimized the codebase, incorporating industry best practices and adhering to coding standards.

Technology Stack

- NodeJS, Angular, MongoDB, Azure cloud

Ticketing Chatbot / Backend Developer

A friendly Chatbot that helps users answer their Vantage Related queries, raises required tickets, and connects them to an appropriate agent for live support

Roles and Responsibilities

- Used Nodejs as chatbot backend and Microsoft Bot framework as NodeJS bot SDK
- Used Microsoft LUIS, a cognitive service to train more than 1000 utterances for our bot which makes it smart enough to understand user queries
- Integrated bot with Microsoft teams and Website (Directline API)
- Used Microsoft Azure as cloud for Bot Service, Cognitive Services and App Services

Technology Stack

- Nodejs, Microsoft Bot framework, Express JS, Microsoft LUIS, Microsoft Cognitive services

Education

2015 - 2019

B.Tech(CSE)/Miracle Educational Society (JNTUK)/76.38%
Intermediate/Sri Gayatri Junior College (Board of AP) /92%
SSC/ Little Flowers High School (Board of AP) /8.0 (CGPA)

Achievements

- Winner of "Citizen hack – 17" at Digital Summit – 2017
- Participated in Citizen Centric Services Hackathon conducted by Andhra Pradesh innovation society.
- Awarded as a Most valuable professional of the year 2022

Personal Information

Name	:	Yagneswara rao Kantreddi
Email	:	Yagnesyagne87@gmail.com
Date of Birth	:	13/08/1998
Gender	:	Male
Current Organization	:	Miracle Software Systems