Narendra_Kumar_Guruvu

SYNOPSIS

With over a year of experience in software engineering, specialization includes .NET, React, and Angular technologies. Expertise covers developing and implementing applications using these frameworks and addressing real-world challenges through case studies. Microsoft certifications have been completed, strengthening skills and knowledge. Recently completed two months of focused training in the Backbase platform and advanced Angular development.

EXPERIENCE SUMMARY

- Experienced in .NET, React, Angular and SQL Server, specializing in developing efficient and scalable applications.
- Gained expertise in ASP .NET Core Web API, C#, Dependency Injection, Entity Framework Core, Middleware, Authentication, Authorization, Logging, and Unit Testing through Udemy and online training.
- Trained in front-end development (Angular) using the Backbase tool.
- Proficient in front-end development using HTML, CSS, and JavaScript, with expertise in responsive design frameworks like Bootstrap and Material UI.
- Skilled in Software Development Life Cycle (SDLC), with a focus on best practices and continuous improvement.
- Adaptable and driven to learn new technologies, fostering innovation and delivering high-quality solutions.

Areas of Experience

Industries
Hexaware Technologies

Technology & Tools
→ Angular
→ C#
→ ASP.Net Core Web API
→ Microsoft SQL Server
→ Entity Framework Core
→ React
→ Git
→ Backbase

RDBMS
Microsoft SQL Server

Operating Systems
Microsoft Windows

Development / Testing Tools
→ MS Visual studio community
→ Microsoft SQL Server
→ Visual Studio Code
→ Postman
→ Swagger

Applications
→ Fitness Club
→ Movie Review System
→ Task Manager Application

QUALIFICATION

Degree	Institute	Year
Bachelors of Technology	Aditya Institute of Technology and Mangement, Tekkali	2023

CERTIFICATION

Certification	Institute	Year
Microsoft Certified Azure Fundamentals (AZ – 900)	Microsoft	2024
Microsoft Azure Developer Associate (AZ-204)	Microsoft	2024
Postman API Fundamentals Student Expert.	Postman	2024

Working with Hexaware Technologies Ltd. From November 2023 – Till date

TRAININGS AND DEVELOPMENT

- **Backbase - (Duration – OCT 2024 to DEC 2024)**

  Accomplished specialized training and Backbase trails as a Frontend Developer at Backbase Digital Academy, acquiring extensive knowledge of Backbase's products,

services, and platforms. Developed a solid understanding of Backbase's architecture and the Engagement Banking Platform, along with insights into way of working, positioning for effective contributions to frontend development initiatives.

PROJECT EXPERIENCE

Project Name	: Task Manager Application (Internal)
Role	: Front End Developer
Environment	: Angular
Duration	: MAR 2024 to JUN 2024

Description: This Task Manager Application incorporates user login, session management, and task management features while utilizing RxJS for effective reactive state management. It includes a search functionality with debouncing and distinct value checking to enhance performance, along with retry logic for robustness. The application effectively uses local storage for data persistence and showcases a custom table and pagination system for efficient task management. This project highlights Angular's latest features and best practices for building modern web applications and serves as a practical learning tool for developers interested in Angular and reactive programming with RxJS.

Roles and Responsibilities

➢ Developed a single-page application (SPA) for task management using Angular, ensuring a responsive and user-friendly interface.

➢ Designed and implemented a secure login system, utilizing RxJS Observables to manage authentication state and local storage for user information persistence.

➢ Maintained user sessions by checking for authentication tokens in local storage, implementing redirection logic based on user authentication status (logged in vs. logged out).

➢ Developed route guards to protect sensitive routes from unauthorized access, ensuring that only authenticated users can access certain features.

➢ Utilized RxJS Subjects and Observables to manage task data and user session state, synchronizing local storage with reactive streams for real-time updates.

➢ Implemented methods for adding, updating, deleting, and retrieving tasks from local storage, ensuring data persistence between sessions.

➢ Created a custom table component to display tasks in a tabular format, implementing pagination logic to navigate through large sets of tasks efficiently.

➢ Developed a search feature that filters tasks, optimizing input processing using RxJS operators such as debounceTime and distinctUntilChanged.

➢ Designed and implemented standalone components (e.g., TaskItem, TaskList, Login) to promote code reusability and maintainability.

➢ Implemented Angular Router for navigation and lazy loading to enhance application performance by loading feature modules on demand.

➢ Utilized Reactive Forms for managing login and task forms, implementing form validation to ensure valid data input and improve user experience.

➢ Created a custom pipe to filter tasks based on their status (e.g., completed, pending) and implemented custom directives for task highlighting.

➢ Ensured the application is mobile-friendly by using CSS Flexbox for layout, providing an optimal user experience across devices.

➤ Wrote unit tests for components and RxJS-related code using Jasmine and Karma, ensuring code quality and reliability.

Project Name	: Movie Review System (Internal)
Role	: Full Stack Developer
Environment	: SQL Server, C#, ASP .NET Core Web API, React
Duration	: MAR 2024 to JUN 2024

Description: Movie Review System is a web-based application that allows users to search for and view detailed information about movies. The application integrates with a movie API to fetch real-time data, enabling users to explore various movie details, including ratings, genres, and summaries. Users can register and log in to create a personal collection of favorite movies, while the system also offers features such as movie recommendations and user reviews. The application implements role-based access control (RBAC) to manage user permissions effectively, allowing for different functionalities based on user roles, including Super Admin, Admin, and regular users.

Roles and Responsibilities

➤ Developed the application using modern web technologies, including HTML, CSS, JavaScript, and a back-end framework (e.g., ASP.NET Core, Node.js).
➤ Implemented secure user registration and login functionality with advanced authentication mechanisms and role-based access control.
➤ Integrated with a third-party movie API to fetch and display real-time movie data, ensuring accurate and up-to-date information.
➤ Designed and managed the database schema to store user information, movie details, and user reviews using a relational database (e.g., SQL Server, MySQL).
➤ Created responsive and user-friendly interfaces for different user roles, enhancing the overall user experience.
➤ Developed functionalities for the Super Admin to manage user roles and permissions, ensuring appropriate access control.
➤ Conducted thorough testing of the application to identify and resolve bugs, ensuring a smooth and reliable user experience.

Project Name	: Fitness Club (Internal)
Role	: Full Stack Developer
Environment	: SQL Server, C#, ASP .NET Core Web API, React
Duration	: NOV 2023 to JAN 2023

Description: Fitness Club is a web-based application designed to streamline the management of trainers, members, and fee collection for a fitness club. The system provides functionalities for user registration, trainer and member registration, fee payment, and role-based access control. It utilizes JWT for secure authentication and authorization, ensuring that users have appropriate access to the system based on their roles. The application also integrates a PayPal payment gateway for seamless fee transactions and sends email notifications to users for registration and payment confirmations.

Roles and Responsibilities

- Developed both front-end and back-end components of the application using technologies such as ASP.NET Core, Entity Framework, and JavaScript frameworks.
- Implemented JWT-based authentication and role-based access control to ensure secure access to the application.
- Designed and managed the database schema to store user, trainer, member, and fee collection details using SQL Server.
- Integrated PayPal API for processing online payments, ensuring secure transactions and handling payment confirmations.
- Developed an email notification system to inform users about registration and payment status using SMTP.
- Created responsive and user-friendly interfaces for registration, login, and fee payment pages using HTML, CSS, and JavaScript.
- Conducted thorough testing of the application to identify and resolve bugs, ensuring a smooth user experience.

PERSONAL DETAILS:

Name	**: Narendra Kumar Guruvu**
Do you have a Passport (Yes/No)	**: Yes**
Visa Status	**: Not Applicable**