Charulatha Ramesh

BACKEND WEB DEVELOPER

CONTACT

📞 9345062360

✉ charulatharamesh2001@gmail.com

📍 Villupuram dist,Tamil Nadu, 604 204.

EDUCATION

2019-2023
PAAVAI INSITITUTION

- Bachelor of Technology InformationTechnology (90%)

TECHNICAL SKILLS

- C# Asp.NET Core - Entity FrameworkCore (Web API)
- HTML,CSS.
- Azure Cloud for fetching and storing the data through c# .net core.
- MySQL Workbench.
- React Js.
- Postman for API Testing.

WORK EXPERIENCE

AkbarOffshore Pvt.Ltd
Associate Software Engineer

- Internship
  (OCT 2022 - APR 2023)
  8 months .

- Work - (MAY 2023 - 2024)
  1 year 6 month
  (working in progress)

PROFILE

Dynamic and adaptable professional with a proven track record of quickly assimilating new skills and knowledge. Adept at thriving in diverse environments and keen to leverage a versatile skill set to contribute to innovative projects and solutions. Eager to apply a strong ability to learn rapidly and effectively to support organizational growth and success. Committed to continuous improvement and driven to excel in challenging roles across various industries.

WORK EXPERIENCE

Flight Booking Web Application

Backend Technology - C# Asp.Net Core

MAY 2023-2024

- **Developed and maintained a flight booking web application using C# .NET Core,** focusing on integrating SOAP and REST APIs for supplier integration with GDS (Global Distribution System) content.

- **Implemented and optimized supplier integration, including search, pricing, and booking calls,** to ensure seamless data flow and accurate results. Utilized a Controller-Service-Repository-Model architecture to ensure high performance, scalability, and maintainability of the application.

- **Integrated with various suppliers for airline contents,** streamlining the booking process and data retrieval. Applied AES encryption and X-Signature techniques to ensure the secure handling of sensitive data by decrypting and encrypting information as needed.

- **Conducted through testing and debugging to maintain high-quality standards** and resolve any issues, ensuring a robust and reliable application.

- **Experience in designing and implementing API endpoints to meet client needs.** Email Notifications: Developed email notification systems using HTML content for enhanced user engagement. Integrated templating systems to customize email layouts and formats.

- **Data Integration with Azure:** Successfully fetched and processed data from Azure services. Utilized API keys for secure and efficient data retrieval from Azure resources. API Security Implemented authentication and authorization mechanisms to secure API endpoints.

- **Knowledge of best practices for API security, including token-based authentication. Documentation and Testing:** Created comprehensive API documentation using tools like SWAGGER/POSTMAN, Conducted unit and integration testing to ensure API reliability and performance.

- **Version Control and Collaboration:** Familiar with version control systems (Git) for collaborative development. Participated in code reviews and agile development processes.

- **Performance Optimization:** Identified and implemented optimizations for API performance and scalability. Monitored API usage and performance metrics for continuous improvement.

Database Technology - MySQL Workbench

MAY 2023 -2024

- **Developed and executed SQL queries to efficiently retrieve data from tables,** optimizing performance and accuracy.

- **Designed and maintained complex SQL commands for querying** and manipulating data to support application functionalities.

- **Implemented indexing and query optimization techniques** to enhance database performance and reduce query execution time.