SRUTHI GAYATHRI S

DOTNET DEVELOPER | FULL STACK DEVELOPER | ML ENGINEER

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SUMMARY

Tech enthusiast with prior experience in .NET development, having worked on web applications for a travel website project using React (frontend) and C# (backend). Developed a Quantum Computing website using HTML, CSS, and Bootstrap, ensuring a responsive and visually appealing design, while presenting quantum computing concepts with an intuitive user experience. Created SSRS reports for live projects, delivering data-driven insights and reporting solutions. Now transitioning into AI and Machine Learning, eager to deploy data-driven solutions and leverage cutting-edge technology. Passionate about continual learning and adapting to evolving trends in software development.

SKILLS

- Concepts   - OOPS
- Web Technologies   - HTML and CSS
- Language   - C# and Python
- Library   - React.js
- CSS Framework   - Bootstrap
- Reporting Tool   - SSRS
- Database   - SQL and Postgres SQL
- Tools   - JIRA and Click-Up
- Artificial Intelligence and Machine Learning
- Soft Skills   - Team Collaboration , Agile Methodologies and Adaptability

WORK EXPERIENCE

Software Developer Intern
ExertSense Solutions Private Limited,Chennai
June 2024-Present

PROJECT EXPERIENCE

SKY To SEA - (July 2024 - November - 2024)

Sky to Sea project is a web application developed using .NET Core to assist users with various travel services, enabling them to manage tours, find and book travel destinations, and make inquiries about trips. Built with a React front-end and a C# back-end using .NET 6, the application utilizes a PostgreSQL database to store information about tours, users, and bookings. It features an admin panel for managing tour details, hotel information, tour guides, and special discounts while efficiently handling image storage. With its real-time data access and user-friendly interface, Sky to Sea aims to enhance the travel experience from exploring options to completing bookings.

QUANTUM COMPUTING WEBSITE - (December 2024 - January 2025)

Developed a Quantum Computing website using HTML, CSS, and Bootstrap, ensuring a responsive and visually appealing design. Focused on presenting quantum computing concepts with an intuitive user experience.

SQL SERVER REPORTING SERVICES [SSRS] - (January 2025 - February 2025)

Worked on SSRS reports for a live project, importing data from the database and customizing reports in Visual Studio. Added filters and formatting for better visualization and enabled report export in PDF and Word formats.

EDUCATIONAL QUALIFICATION

- **Master of Computer Applications (MCA)**
  SRM University | 2024 – 2026 (Pursuing)
- **Bachelor of Science in Computer Science (B.Sc CS)**
  Sastra Deemed To Be University, Kumbakonam | 2021 – 2024 - Percentage: 73%
- **Higher Secondary Certificate (H.S.C.)**
  St. Marcina's Matric Higher Secondary School, Ammapet | 2021- Percentage: 84%
- **Secondary School Leaving Certificate (S.S.L.C.)**
  St. Marcina's Matric Higher Secondary School, Ammapet | 2019 - Percentage: 81%

ACADEMIC PROJECT

TAMIL HANDWRITTEN TEXT RECOGNITION

Tamil Text Recognition is a project aimed at recognizing Tamil alphabets (அ to ஔ) through a Convolutional Neural Network (CNN). Using a dataset of approximately 3,000 images, sourced from Kaggle and annotated with Roboflow, the images were organized into training, testing, and validation sets. After annotation, the images were saved in a structured zip folder for easy handling. The CNN algorithm was applied to classify these images, and the trained model was saved as model.h5 for future use. In the prediction phase, an input image path is selected, which the code then processes through the trained CNN model to output the recognized Tamil letter.

CERTIFICATION

Generative AI - LinkedIn