

RAGUL RAO M K

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Technical Skills

Languages: Python, C#, C, C++, HTML/CSS, Angular, SQL

Developer Tools: Visual Studio, ServiceNow, AWS

Technologies/Frameworks: .Net, NUnit

Education

SRM Institute of Science and Technology

Bachelor of Technology in Computer Science and Engineering

Sep. 2021 – May 2025

Kattankulathur, Tamil Nadu

Dr. G S Kalayanasundaram Memorial School

Grade-XII

June 2020 – May 2021

Kumbakonam, Tamil Nadu

Relevant Coursework

- Data Structures
- Software Methodology
- Database Management
- Programming
- Computer Architecture

Experience

Cognizant - India

Software Engineer Intern

Jan. 2025 – Present

Siruseri, Tamil Nadu

- Currently working as an intern at Cognizant, focusing on backend development using .NET and C#.
- Implemented unit testing frameworks such as NUnit and Moq to ensure the reliability and quality of the codebase.
- Developed backend applications following Agile sprint methodology, participating in sprint planning, daily stand-ups, and retrospectives.

Projects

Online Learning Management System | C#, .NET, ASP .NET, SQL Server

March 2025

- Developed an LMS with a robust backend using .NET and C#, implementing unit testing with NUnit and Moq to ensure reliability and quality.
- Utilized Entity Framework and MVC concepts to design and develop WebAPI endpoints, facilitating efficient data handling and communication.
- Integrated authentication and authorization mechanisms to secure user data and manage access control within the LMS.

Leave Management System | ServiceNow, GlideAjax, GlideDateTime

October 2024

- Developed a Leave Management System on the ServiceNow Platform, enabling automated leave request processing, accrual, and balance tracking.
- Implemented GlideAjax for seamless asynchronous data retrieval, enhancing user experience in leave request submissions.
- Utilized GlideDateTime for precise leave accrual calculations, ensuring accurate tracking of leave balances and eligibility.

Image Caption Generator | Python, YOLOv8, BLIP, DeepFace, MS COCO

March 2025

- Developed a multimodal deep learning framework for automated image captioning, integrating object detection, sentiment analysis, and caption generation.
- Implemented YOLOv8 for object detection, DeepFace for emotion recognition, and BLIP for generating context-aware captions.
- Utilized the MS COCO dataset, processing image features, emotional context, and linguistic structure for improved captioning accuracy.

Certifications

Architecting Solutions on AWS

AWS Academy, Coursera

November 2023

Networking Basics

Cisco

May 2023

Front-End Web Development Essentials

DevTown

September 2022