GAYATHRI M A

Software Developer

CONTACT

PHONE
7358035966

EMAIL
gay3arun99@gmail.com

ADDRESS
No.2/154,Ganga nagar , Madhuravoyal,Chennai-95

PROFILE

Results-driven Front End Developer with expertise in Angular 8+ and Typescript, coupled with strong proficiency in HTML5, CSS3, JavaScript and SASS. Adept at leveraging OpenAPI2 and OpenAPI3 for seamless integration. Proven track record in utilizing Gitlab for efficient project management. Seeking to contribute technical prowess to a dynamic team that values innovative solutions and cutting-edge technologies

EXPERIENCE

SENIOR ANALYST-2022 TO 2023- CAPGEMINI INDIA

-Collaborated with cross-functional teams to design and develop web-based applications using .Net Core, C#, and SQL Server.

-Implemented Rest APIs to create scalable and efficient solutions for various projects. Utilized Azure services like Function App to enhance application capabilities and performance. Assessed automation feasibility of the test cases

-Formulated innovative approaches to problem-solving, leveraging algorithms and models to identify opportunities within the problem area

-Conducted thorough analysis and optimization of front end and back end code to improve simplicity, efficiency, reliability, and performance.

-Spearheaded automation efforts by developing test strategies, designing automation frameworks, and writing unit/functional tests to drive up code coverage and automation metrics.

GRADUATE ENGINEER INTERN- 2021 TO 2022 - KNR ENGINEERS

-Contributed to the "Improvement of Lightning Performance of Transmission Line Using EMTP" project.

-Employed IEEE Flash 2.0 to identify the total flashover rate of each tower,

-Gained hands-on experience in power system analysis, lightning performance optimization, and simulation tools such as EMTP.

-LSA installation strategy is identified by Open-Etran Results. By installing LSA, Total Flashover rate is reduced.

-Collaborated with senior engineers on research and implementation, demonstrating strong problem-solving skills.

SKILLS

HTML5	ANGULAR	TYPESCRIPT
CSS3	MSSQL	POWER BI
JAVASCRIPT ES6	AZURE	PYTHON

PROJECTS

FITNESS WEAR ECOMMERCE WEBSITE

Developed a full-stack eCommerce website for a fitness wear store specializing in shoes, shorts, and t-shirts. Implemented user-friendly interfaces for browsing products, adding items to the cart, and securely processing transactions. Leveraged HTML for content structure , CSS for styling and JavaScript for interactivity and also enhancing user engagement.

- Responsive design for seamless user experience on various devices.
- Product catalog with detailed descriptions, images, and pricing.
- User authentication and authorization for secure accounts.
- Shopping cart functionality with the ability to add, edit, and remove items.
- Admin panel for managing products, orders, and user accounts.

PIZZA SALES ANALYSIS WITH SQL AND POWER BI

The project involved the creation and analysis of a comprehensive pizza sales database using SQL and the visualization of insights through Power BI. The goal was to gain valuable business insights and improve decision making processes for a fictional pizza chain.

Key Achievements:
-Data Cleaning and Transformation.
-Advanced SQL Queries and cross checking it with BI visuals.
-Performance Optimization and Documentation.

EDUCATION

Master of Engineering (M.E) in High Voltage Engineering,
College of Engineering Guindy, Anna University
DECEMBER 2020- JULY 2022
- *Rank Top 3 in Department of High Voltage Engineering.*
Bachelor of Engineering (B.E) in Electrical and Electronics Engineering ,
St. Joseph's College of Engineering.
JULY 2016- AUGUST 2020
- *Rank Top 15 in Department of EEE.*

COURSES

- Microsoft Azure Fundamentals AZ-900 Certified.
- BEC certification from Cambridge University in Council of Europe Level B2.
- Azure Administrator AZ-104 - In Progress.

HONORS

- IEEE WIE Chairperson
- Represented SJCE in NIT Suratkal for WITS- Maiden Edition
- TDCS-Ereka'19-National Winner- IEEE Certified

ABILITIES

- Strong problem-solving ability demonstrated through academic and extracurricular projects.
- Excellent written and verbal communication skills.
- Enthusiasm for learning new technologies and tools.