



Harikrishnan G

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ABOUT ME

I am a hardworking engineer with a positive mindset, always challenging myself to excel. As a good team leader and fine team player, I have demonstrated my skills while working at Wipro. Passionate about leveraging cutting-edge technologies for impactful solutions, I have led the development of comprehensive projects using ASP.NET Core and React.js, showcasing my expertise in end-to-end application development. By applying the MVC architecture, I ensure the scalability and maintainability of the codebase and engineer RESTful Web APIs to facilitate seamless front-end to back-end communication. Focusing on modularity, I implement Dependency Injection to streamline maintenance processes.

Moreover, in a leadership capacity, I provide mentorship, guiding team members to grasp key concepts and collaborating with cross-functional teams to drive successful project execution and deliver robust solutions. During my college years, I co-founded the Coders Club, collaborating on numerous projects aimed at automating various functions within our department, greatly enhancing efficiency and productivity.

WORK EXPERIENCE

J.K Fenner India Private Limited, Siemens – Madurai, India

City: Madurai | Country: India

Student Intern

[01/10/2020 – 15/10/2020]

- Selected from my college by Siemens for an internship at J.K. Fenner, working on the Industrial 4.0 MES Project.
- Implemented Industry 4.0 technologies to drive operational optimization and efficiency improvements.
- Acted as a tester and trained the employees of J.K. Fenner to use the application.
- Learned how the industrial production line works.
- Helped identify bugs in the application through real-time testing.
- Gained valuable insights into MES software and Industrial 4.0 workflows.

Wipro Technologies – Hyderabad, India

City: Hyderabad | Country: India

Project Engineer

[11/04/2022 – 18/08/2023]

- Spearheaded the development of comprehensive projects using ASP.NET Core and React.js, showcasing expertise in end-to-end application development.
- Applied Model-View-Controller (MVC) architecture to ensure the scalability and maintainability of the codebase.
- Engineered and maintained RESTful Web APIs with ASP.NET Core, fostering seamless communication between the front-end and back-end components.
- Implemented Dependency Injection to enhance code modularity and streamline maintenance processes.
- Orchestrated the design and deployment of role-based authentication systems, fortifying application security and enforcing precise access controls.

- Assumed a leadership role during the training period, providing mentorship and guidance to a team of 7 members for a comprehensive understanding of key concepts.
- Played a pivotal role in the successful execution of full-scale projects, collaborating with cross-functional teams to achieve project milestones and deliver robust solutions.
- Utilized Entity Framework to increase the efficiency of database operations by 20 percent, optimizing data access and manipulation.

 **TAMU Infotech (OPC) Private Limited** – Madurai, India

City: Madurai | Country: India

Software Engineer

[15/12/2024 – Current]

- Developed and maintained large-scale projects including an E-Commerce platform and a Tender application using .NET Core, React, Angular, SQL, and MySQL
- Led a team of developers across 2 projects while coordinating weekly client interactions
- implemented CI/CD pipeline on AlmaLinux for deployment and automation

EDUCATION AND TRAINING

SSLC

Thiagarajar Model Higher Secondary School, Teppakulam, Madurai. [01/06/2015 – 01/06/2016]

City: Madurai | Country: India | Final grade: 93.8

HSC

Thiagarajar Model Higher Secondary School, Teppakulam, Madurai [01/06/2017 – 01/06/2018]

City: Madurai | Country: India | Field(s) of study: Bio - Maths | Final grade: 83.75

Bachelor of Engineering

Thiagarajar College of Engineering [10/06/2018 – 30/06/2022]

City: Madurai | Country: India | Website: <https://www.tce.edu/> | Field(s) of study: Electrical And Electronics Engineering | Final grade: 8.9 (CGPA)

LANGUAGE SKILLS

Mother tongue(s): Tamil

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

.NET Core

C# / Entity FrameworkCore / C#, Asp.Net, Asp.Net MVC, Asp.Net Core / Git / .NET / .NET Core / .NET Framework / SQL / SQL and MS-SQL / REST API management

Django

Python Language - Basic knowledge / Back-end (Flask, Django)

Front End

HTML / CSS / good HTML ,CSS, JS, JQuery, Bootstrap skills / Angular / React

Cloud

Az-900 / DP 900

PROJECTS

[03/2023 – 07/2023]

TennisTimer

TennisTimer web app using React (TypeScript template) for the frontend, ASP.NET Core 6.0 API for the backend, and SQL for the database. The app allows users to search for available courts based on location, leave reviews, and ensures that the same court cannot be double-booked by different users at the same time. With role-based authentication protecting user data, the app offers a reliable and secure booking experience for tennis enthusiasts.

Link: <https://www.youtube.com/watch?v=bLgF4Xs957E>

[12/2023 – 04/2024]

Budgetary

Budgetary a cutting-edge income and expense management application meticulously crafted with Django backend and HTML/CSS/JavaScript/Bootstrap frontend. With robust features such as role-based authentication, mail activation, password reset, and document download, Budgetary ensures a seamless user experience. Leveraging advanced concepts like Ajax and multithreading, Budgetary offers a feature-rich platform for efficient financial management.

Link: <https://github.com/Harikrishnan1412/Budgetary>

HONOURS AND AWARDS

[02/2020] QUALITY CIRCLE FORUM OF INDIA - CHENNAI CHAPTER

Excellent Award - QC Case study Presentation

Participated and won the Excellence Award under the QC Presentation category in the 22nd Convention on Quality Circles in Education under the theme "Quality Concepts For Well Being".