

Sarthi Bhavsar

Senior Software Developer

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Pune, IN

Professional Summary

Seasoned tech enthusiast with a robust grasp of both front-end and back-end technologies. Proficient in designing and implementing web applications and API solutions using ASP.NET Core, C#, Swagger (ASP.NET Core), and Express (Node.js). Demonstrated expertise in **Docker, Kubernetes, ASP.NET MVC, .NET Core, Angular, Microsoft SQL Server, Node.js, Jenkins and AWS.**

Education

SNJB College of Engineering
Nashik, IN
BE in Computer Engineering
SGPA 7.87

Key Skills

- ASP .NET MVC (3 years)
- MS SQL Server (4 years)
- NodeJS (4 years)
- Angular (2 years)
- AWS (4 years)
- ASP. NET Core (3 years)
- JavaScript and jQuery (4 years)
- React (2 years)
- Docker, Kubernetes, Jenkins (4 years)
- Docker Hub, GitHub (4 years).

Domains

- Industry 4.0
- Education
- Healthcare
- Supply Chain
- Warehousing

Experience

- Design and development of web applications using ASP.Net MVC and .net core.
- Creating databases structures, SPs, functions, relationships and use of DDL, DML, and DCL as per project needs.
- Configuring multiple application which can communicate with each other in microservice architecture.
- Creating API to pull and push data to and from third-party data providers such as SAP.
- Perform UAT, deployment, application training, and production support at customer end.
- Contribution to implementation of ISO 27001 and 9001.



Nov 2021 - Present

KNEO Automations PVT. LTD
Senior Software Developer



Jan 2020 - Oct 2021

Digital Impact Square (TCS)
Innovator (Business Internship)



(Jun-Jul 2019) and (Jan-Apr 2018)

KNEO AUTOMATIONS PVT. LTD
Software Developer Internship

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Professional Achievements

- To resolve time-consuming manually moving code and databases process, I created a central database on company server and introduced git repositories to store and transfer code. This reduced invested time from hours to seconds.
 - Transform the traditional way of timesheet gathering and analyzing methods through excel sheets by developing the web application which streamlined the whole process and remove dependency on excels and provides accurate data.
 - I resolved a crucial communication problem between the HMI devices and the customer server that many other organizations were unable to resolve. As a result, our firm received large projects from that customer.
 - During the visit of CEO at HUL's in Sumerpur plant, I took control of the entire system execution and provided instructions to operators. The system was running continuously for three hours with predefined instructions and activities to demonstrate system working demo to the visitors.
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Leadership

- Lead a team of around 5 to 10 team members while UAT and production support at customer site.
 - In house lead team of 3 team members.
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Projects

Denso

- Improved existing Preventive Maintenance (PM) application which is based on the asp.net framework and written using C# and SQL server.
 - I created the process flow for PM and breakdown mold maintenance.
 - Developed machine wise and mold wise PM reports.
 - Collaborate with customers to complete software PLC integrations.
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ALF

- Improved an existing Production Analysis application created in C# and based on the asp.net framework.
 - I collect data sent by PLCs on gas, air, water, and electricity consumption using .net core services and store it in DB.
 - Also, created real-time statistics report that show overall consumptions, completed quantity vs total quantity, execution duration for each order.
 - Created a dashboard to observe real-time production activity together with cycle time.
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JIO API

- The JIO server, JIO device, and our server use this .net core API application to obtain and transmit machine data and device configuration data.
 - The JIO device collects data from many types of industrial equipment and sends it to the JIO server, which then sends it to our server.
 - My role was to write APIs to read, store, and process the data mentioned above.
 - Additionally, whenever a new device is added, I send configuration data to the JIO server through API.
 - During development, I collaborated closely with the JIO team.
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American Brew

- Created an android app in java and android studio to control the dispatch and arrival of trucks transporting bear cartages.
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CNC

- Contributed to an existing CNC application built on the asp.net framework and written in C# and SQL server.
 - I assisted the team in developing modules wherever necessary.
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Danfoss

- Handled and resolved conflict between customer and our network teams.
 - This problem arose when our HMI devices were unable to communicate with the customer network.
 - I engaged with their onsite and global network teams to resolve the issue.
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HUL

- This is the largest project I've ever worked on. HUL (Hindustan Unilever) is the primary customer, and System Logistics India is in charge of the project.
 - My responsibilities included designing functionality to handle truck dock binding and dispatch, conducting operations on compartment, and developing a TV application to display order execution and truck loading status.
 - Also, I developed data transmission interface APIs between Systore and SAP, as well as a Rehit API application to retrigger those APIs that encountered problems while sending.
 - Contributed significantly for installation of servers, databases, hosting applications, establishment of network communications and evaluating connectivity of hardware devices and software in customer environment.
 - I conducted training for system users and provided support during UAT.
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Coca-Cola Khurda

- This is the again a big project I'm currently part of. Coca cola is the primary customer, and System Logistics India is in charge of the project.
 - My current responsibilities are to develop data transmission interface APIs between Systore and Coke.
 - Also, to develop the Web application for user interaction with the system and perform the warehouse functionalities.
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