

# M. LOGESHKUMAR

## Experience Summary

- Dedicated and results-driven .NET Full stack & Azure developer with 7 Years of experience delivering scalable, high-performance solutions across RPA, Manufacturing, Logistics and IoT domains.
- Proven experience in .NET Core, Web Api, Azure Function apps, and RPA Bots by selenium.
- Hands on experience in creating modern responsive web applications Hands on experience in integrating third party libraries (Material, Bootstrap, Charts, Graphs, Ag-grid)
- Active involvement in SDLC from requirement gathering & analysis phase to till deployment
- Actively involved in all aspects of team handling by proper coordination and providing full support related to requirement clarification, technical support & continuous tracking of the deliveries
- Hands on experience in Agile culture & playing the role of Scrum Master. As scrum master experienced in performing all scrum ceremonies (grooming, planning, stand-ups & retrospective calls etc.)
- Hands-on experience in continuous integration and continuous development patterns by working on popular CI/CD pipelines used in software industries
- Hands on experience in distributed version controlling systems like GIT to work in distributed environment (GIT, GIT Commands, Git Bash, Git GUI etc.)

## Skills Summary

Domain	Manufacturing, Logistics, IoT, Enforcement
Backend Development	C#, Web API, LINQ, MVC, Entity framework, SQL Server
Frontend Development	HTML, CSS, jQuery, JavaScript, Bootstrap, r(basics)
Operating System	Windows OS
Tools IDEs	Visual Studio, Postman, SSMS
Cloud	Azure Function app, Azure app services, Azure storage account, Queues, Trigger, Azure service Bus, Graph API
Version Control	GIT

## Work Experience

### Project 1

Project Name	Excel Automation by Azure Function App	Team Size	2
Company	Logic Valley Technologies	Designation	Software Engineer I
Start Date	May 2025	End Date	Sep 2025
Project Description	Automated email-driven file processing system using Azure Functions and Microsoft Graph API to handle, validate, and route files through business workflows. Event-based solution leveraging Azure Functions, Blob Storage, and MongoDB to process email attachments, coordinate with support teams, and return finalized files.		
Role & Contribution	<ul style="list-style-type: none"><li>Designed and developed the complete solution architecture using Azure Function Apps, ensuring modularity and scalability through clean architecture principles.</li><li>Integrated Microsoft Graph API to listen for incoming email notifications, extract attachments, and initiate automated business workflows.</li><li>Implemented logic to uniquely identify and track files using naming conventions with timestamps, enabling seamless reprocessing and traceability.</li><li>Automated the entire business flow including file validation, transformation, routing to the support team, and final delivery to the original sender.</li><li>Integrated Azure Blob Storage with Blob Triggers and Webhook URLs to enable event-driven processing and real-time workflow execution.</li><li>Used MongoDB for persisting metadata, tracking processing states, and maintaining audit logs for each transaction.</li><li>Implemented structured logging and integrated Azure Application Insights for real-time monitoring, diagnostics, and performance tracking.</li></ul>		
Technology & Tools	<ul style="list-style-type: none"><li>C#, .Net Core, Visual Studio, MongoDB Compass</li></ul>		

### Project 2

Project Name	Upgrade Portal	Team Size	6
Company	OTIS Elevator	Designation	Software Engineer
Start Date	April 2022	End Date	March 2025
Project Description	Upgrade Portal is a centralized platform for managing escalator and elevator spare parts orders, enabling admins to approve requests, upload data via Excel, and manage custom parts and pricing. The system also includes modules for incentives, reporting, categories, and image management, streamlining operations and improving order traceability.		

<b>Role &amp; Contribution</b>	<ul style="list-style-type: none"> <li>Contributed to the development of new features and enhancements in the existing Upgrade Portal, focusing on improving order and spare parts management workflows.</li> <li>Implemented order history tracking to maintain a detailed audit trail of all order actions and status changes.</li> <li>Developed and optimized the price calculation management logic to ensure accurate pricing based on dynamic inputs and uploaded Excel data.</li> <li>Built and enhanced the email module to send automated notifications to different stakeholders based on order status and approval actions.</li> <li>Designed and configured custom email templates and settings, allowing flexible email routing and content customization per user role or department.</li> <li>Developed portal access management features to control and assign role-based access for different officials and employees.</li> <li>Enhanced the Setup tab to support dynamic configurations for spare parts, pricing, and user data uploads via Excel.</li> <li>Designed and implemented UI/UX improvements for the Incentive tab, enabling better tracking and visualization of incentive-related data.</li> <li>Developed WEB APIs for Mobile users for creating and managing spare-parts orders.</li> </ul>
<b>Technology &amp; Tools</b>	.NET MVC Architecture, Entity framework, C#, jQuery, HTML, CSS, Bootstrap, Azure Storages, Azure service bus, Web jobs, Queues, Topics, Azure SQL, Visual Studio

### Project 3

<b>Project Name</b>	B2B Refurbished Electronics Management system	<b>Team Size</b>	5
<b>Company</b>	CTDI, Bengaluru	<b>Designation</b>	Software Engineer
<b>Start Date</b>	March 2021	<b>End Date</b>	March 2022
<b>Project Description</b>	The Refurbished Asset Management System streamlines the handling of used laptops, desktops, and Xerox machines by performing hardware and software checks, replacements, and validations. Once verified, items are priced and listed for resale on the company portal, ensuring efficient reuse and inventory control.		
<b>Role &amp; Contribution</b>	<ul style="list-style-type: none"> <li>Worked on enhancing and debugging existing code flows in a legacy VB.NET web application, ensuring stability and performance improvements.</li> <li>Contributed to the migration of the application to an MVC Web Application, helping modernize the architecture and improve maintainability.</li> <li>Developed and enhanced the Spare Parts Management module, enabling efficient saving, updating, and inserting of new and existing spare parts data.</li> <li>Implemented logic for automated email notifications related to warranty and guarantee expirations, ensuring timely alerts to relevant stakeholders.</li> <li>Collaborated on improving the user experience and backend logic for managing refurbished laptops, desktops, and Xerox machines through structured workflows.</li> </ul>		

<b>Technology &amp;Tools</b>	VB.NET, C#, MVC, Entity Framework, HTML, CSS, Bootstrap, AJAX, jQuery, SQL, VisualStudio
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## Project 4

<b>Project Name</b>	Sure Fit	<b>Team Size</b>	2
<b>Company</b>	CABCS, Bengaluru	<b>Designation</b>	Software Engineer
<b>Start Date</b>	July 2020	<b>End Date</b>	February 2021
<b>Project Description</b>	Developed an application integrated with a Footprint Scanner to capture and analyze customer foot measurements from multiple angles. The system generates a detailed PDF report with precise sizing data to help customers find perfectly fitting footwear like sandals, shoes, and chappals.		
<b>Role &amp; Contribution</b>	<ul style="list-style-type: none"> <li>• Worked on a WinForms C#-based Windows application integrated with a Footprint Scanner to capture customer foot measurements for custom footwear manufacturing.</li> <li>• Developed the User Information module to capture and store minimal but essential customer details in a POSTGRESS database for traceability and reporting.</li> <li>• Designed and implemented the Reports module, which generates detailed PDF reports containing foot measurements and scan data.</li> <li>• Integrated functionality to upload generated reports to AWS S3, ensuring secure and centralized access for downstream processing.</li> <li>• Automated the process of sending reports to the manufacturing company, enabling them to produce perfectly fitting footwear based on precise scan data.</li> <li>• Collaborated with hardware integration teams to ensure smooth communication between the scanner device and the application.</li> </ul>		
<b>Technology &amp;Tools</b>	C#, Winforms, Postgress, AWS S3 Bucket, Visual Studio		

## Project 5

<b>Project Name</b>	SMART MINES	<b>Team Size</b>	5
<b>Company</b>	Mines & Geology dept, JSW Karnataka	<b>Designation</b>	Software Developer
<b>Start Date</b>	October 2018	<b>End Date</b>	July 2020
<b>Project Description</b>	Developed a Windows-based application to manage the weighing of raw materials like iron and magnesium using RFID-enabled vehicle identification at mining check posts. The system captures loaded and unloaded weights, calculates material quantities, and sends reports to the Karnataka Mines & Geology Department, with JSW as the client		
<b>Role &amp; Contribution</b>	<ul style="list-style-type: none"> <li>• Developed and enhanced the Vehicle Registration module, enabling accurate tracking of heavy vehicles transporting raw materials like iron and magnesium from mining sites.</li> <li>• Built the IN-OUT Check post module to capture vehicle entry and exit data,</li> </ul>		

	<p>integrating with RFID and weighbridge systems for real-time validation.</p> <ul style="list-style-type: none"> <li>• Integrated with RFID devices by reading tag values from vendor-generated files to uniquely identify each vehicle at the check post.</li> <li>• Implemented logic to read weight data from files produced by a Java-based middleware application provided by the weighbridge vendor, ensuring seamless data flow.</li> <li>• Calculated net raw material weight by comparing loaded and unloaded weights, and flagged discrepancies for potential fines or manual review.</li> <li>• Ensured accurate and auditable data transmission to the Karnataka Mines &amp; Geology Department, aligning with compliance requirements for JSW's leased mining operations.</li> <li>• Contributed to debugging, code optimization, and enhancements across modules to improve reliability, performance, and maintainability of the Windows application.</li> <li>• Collaborated with hardware vendors and internal teams to ensure smooth integration between software, RFID readers, and weighbridge systems.</li> <li>• Played a key role in streamlining the mining logistics process, reducing manual errors, and improving transparency in raw material tracking.</li> </ul>
<b>Technology &amp;Tools</b>	WINFORMS, C#, SQL Server, API Integration, Visual Studio

## Educational Qualification

<b>Masters</b>	MCA – PSNA College of Engineering Technology, Dindigul.	Anna University	2018 (Full Time)
<b>Graduation</b>	BCA – Mary Matha College of Arts & Science, Periyakulam	Kamaraj University	2016 (Full Time)
<b>HSC</b>	HSC – V.M.Government Higher Secondary School, Periyakulam	TAMILNADU STATEBOARD	2013 (Full Time)
<b>SSLC</b>	SSLC – V.M.Government Higher Secondary School, Periyakulam	TAMILNADU STATEBOARD	2011 (Full Time)

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