

MUGUNTHAN KUMARASAMY

Technical Product Lead – Low-Code Automation Expert

+91-95144-44471 @ mugunthkumar99@gmail.com mu-ki.github.io Coimbatore, Tamil Nadu, India



SUMMARY

Senior Product Engineer with 5+ years of experience in building and scaling low-code platforms. Core contributor to RPA Genie (an enterprise automation engine) and NextGen Forms (a drag-and-drop form and website builder with robust backend logic). Skilled in C#, TypeScript, Azure DevOps, and SQL, with a strong focus on delivering scalable, secure, and user-driven low-code solutions that empower business users and developers alike.

EXPERIENCE

Technical Team Lead

ClaySys Technologies Pvt Ltd

08/2025 - Present Coimbatore, Tamil Nadu, India

Leading strategic development and delivery of enterprise-grade low-code platforms for automation, form building, and workflow orchestration.

- Led cross-functional teams to deliver high-impact features for RPA Genie and NextGen Forms, reduced release timelines and accelerated delivery.
- Facilitated sprint planning, code reviews, and task delegation, ensuring consistent delivery of high-quality releases.
- Partnered with stakeholders to translate business needs into scalable and maintainable technical architectures.
- Enhanced platform performance and reliability through targeted refactoring and the adoption of CI/CD best practices.
- Implemented performance profiling and load testing to identify bottlenecks, optimize resource usage, and ensure scalability under high concurrency.

Senior Product Engineer

ClaySys Technologies Pvt Ltd

05/2022 - 07/2025 Coimbatore, Tamil Nadu, India

Specialized in backend architecture, modular services, and workflow automation for in-house low-code platforms.

- Led core development efforts for RPA Genie and NextGen Forms, two in-house low-code platforms serving enterprise clients.
- Designed modular backend services and engines using C#, ADO.NET, and Azure, improving maintainability and scalability.
- Developed form logic handlers and dynamic workflow engines for NextGen Forms, enabling faster customization.
- Mentored junior engineers, improving team productivity and code quality.
- Integrated automated testing pipelines to maintain code quality and reduce release defects.

Product Engineer

ClaySys Technologies Pvt Ltd

10/2020 - 04/2022 Coimbatore, Tamil Nadu, India

Focused on full-stack development, system integrations, and automation scripting to enhance low-code platform capabilities.

- Developed reusable UI components in Angular and backend services in .NET, reducing duplicate code across projects.
- Integrated REST APIs with token-based authentication to improve security.
- Connected PostgreSQL, Microsoft SQL Server, and Microsoft Graph API to core automation modules, expanding platform capabilities.
- Automated deployment and data processing tasks using CMD and PowerShell scripts, reducing manual effort.
- Designed and optimized database indexing strategies to improve query performance and reduce API response times.

EDUCATION

Bachelor of Computer Science and Engineering

Nandha College of Technology

08/2016 - 05/2020

Erode, Tamil Nadu, India

HSC

Grace International HR Sec School-CBSE

06/2014 - 05/2016

Erode, Tamil Nadu, India

SSLC

Grace International HR Sec School-CBSE

06/2012 - 05/2014

Erode, Tamil Nadu, India

SKILLS

Front End

Angular, TypeScript, Electron, JavaScript

Backend

C#, .NET, .NET Core, Node.js, REST API, ADO.NET, .NET Framework, IIS

Databases

MS SQL, PostgreSQL, MySQL, SQL Lite

DevOps & Cloud

Azure DevOps & Pipelines, Git, GitHub

Scripting

PowerShell, CMD, UI-Path, RPA Genie

KEY ACHIEVEMENTS



Best Employee of the Year - 2025

Recognized for exemplary performance and contributions to team success



Distinguished Engineer - Clay Con 2024, Clay Con 2025

Acknowledged for outstanding engineering contributions at conferences



Stand Out Chief - Bot Con - 2023

Honored with a standout recognition at a prominent automation conference