

ARAVIND ANBALAGAN

Senior Backend & DevOps Engineer (.NET | Azure)

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NuGet: <https://www.nuget.org/profiles/Aravindiaar>

PROFESSIONAL SUMMARY

Senior Backend & DevOps Engineer with **9+ years of continuous full-time experience** delivering enterprise-grade software solutions. Strong background in C#, .NET MVC/Web API, ETL systems, API development, system monitoring, automation, and AI-enabled document processing. Proven ability to support long-running production systems, improve performance, and work closely with business stakeholders.

CORE TECHNICAL SKILLS

Backend & APIs: C#, .NET, ASP.NET MVC, ASP.NET Web API, RESTful services

Scripting & Services: Node.js, Python

Frontend: JavaScript

Databases: Microsoft SQL Server, PostgreSQL, MySQL, Redis

Cloud & DevOps: Microsoft Azure, Azure DevOps, Docker, Jenkins, CI/CD

Engineering Practices: ETL Pipelines, API Monitoring, Performance Tuning, Git, PowerShell, Linux Automation

PROFESSIONAL EXPERIENCE

Senior Software Engineer & DevOps Engineer – DSRC, Chennai, Tamil Nadu, India (March 2016 – Present)

- Accumulated over **9 years of hands-on industry experience** delivering backend, integration, and automation solutions across multiple enterprise domains.
- Designed and developed backend systems using C#, .NET MVC, ASP.NET Web API, and REST APIs supporting internal and customer-facing applications.
- Owned full application lifecycle including development, deployment, monitoring, and production support.
- Led performance improvement initiatives, reducing API response times and improving system stability across projects.
- Built CI/CD pipelines and automated deployments using Azure DevOps, Jenkins, Docker, and scripting.
- Actively supported production environments, handling incidents, root-cause analysis, and long-term fixes.
- Collaborated with QA, product owners, and clients to deliver reliable solutions aligned with business needs.

KEY PROJECTS ACROSS 9 YEARS

HRMS Platform (6 months): Built ASP.NET MVC modules using C#, JavaScript, and MSSQL to manage employee data, attendance, and reporting.

Aspose Document Converter (6 months): Developed C# console applications for automated document conversion using Aspose libraries.

Positive Equity System (1 year): Delivered MVC-based financial application handling data processing, validation, and reporting.

Vet Australia (1 year): Developed and maintained ASP.NET Web API services supporting veterinary monitoring and operational workflows.

Proagrica (1 year): Built backend APIs using C# and Web API for agribusiness platforms, ensuring data accuracy and reliability.

In-House Utilities (multi-year): Created API analytics framework, automated software installation via Chocolatey, temperature monitoring solutions, and performance improvements across multiple systems.

Evi View – ETL Platform (1 year): Designed and implemented ETL APIs in C# to ingest data from APIs and Excel sources into relational databases for analytics.

SFC – IVR & AI Automation (1 year): Supported backend integration for IVR-based call automation and AI-driven workflows.

Supplier Gateway: Developed Node.js services for intelligent document ingestion and retrieval.

KeyHouse: Built Python-based backend services for AI-driven document processing and search.

Database Migration Utilities: Developed Python tools to migrate data between PostgreSQL and MSSQL with validation and reconciliation.

EDUCATION

Bachelor of Engineering – Computer Science, India

ADDITIONAL INFORMATION

Eligible for full-time work in New Zealand | Own reliable vehicle | Based in Hamilton | Open to onsite or hybrid roles

REFERENCES

References available on request