

# IYAPPAN. C

## .NET / Full-Stack Developer



iyappan0.c@gmail.com



+91 8098776961



linkedin.com/in/iyappan-c



Github.com/iyappan-chelladurai

### PROFESSIONAL SUMMARY

.NET Core Developer with 3.4 years of experience building scalable APIs, optimizing SQL-heavy systems, and delivering performance-driven features across enterprise applications. Strong in ASP.NET Core, MVC, Entity Framework, SQL Server, AWS, and Azure DevOps CI/CD. Known for improving system performance, automating manual workflows, and quickly delivering clean, maintainable code.

### PROFESSIONAL EXPERIENCE

#### Software Engineer | HCLTech

(Nov 2024 – Present)

Chennai, Tamil Nadu

- Built a .NET automation tool that simplified manual reporting processes, reducing effort by 60%+.
- Developed and enhanced backend features for enterprise financial applications using ASP.NET Core, SQL Server, and AWS. And Optimized SQL queries and stored procedures, improving data processing performance.
- Managed and supported applications on AWS (EC2, RDS, S3, CloudWatch) for stability and performance.
- Used Azure DevOps for version control, CI/CD pipelines, and deployment automation.
- Contributed to UI modernization by assisting in migrating MVC modules to React.

#### Software Associate | Infoplus Technologies Pvt Ltd

(Aug 2022 – Nov 2024)

Chennai, Tamil Nadu

- Developed backend modules using ASP.NET MVC, .NET Core, Entity Framework, and SQL Server.
- Migrated legacy components from .NET Framework to .NET Core to improve performance and maintainability.
- Fixed bugs and added new features based on user requirements, improving system reliability.
- Built a document upload module with validations and secure file handling.
- Optimized SQL queries and stored procedures to improve data processing speed.
- Automated Excel-based reports with dynamic data binding and SMTP email delivery.
- Refactored code, improved UI/UX, and resolved production issues with quick turnaround.
- Contributed to workflow and performance improvements across multiple modules.

### TECHNICAL SKILL

- Backend & APIs:** C#, ASP.NET Core, MVC, WCF, Win Apps , Web API, LINQ, Entity Framework Core, ADO.NET
- Frontend:** HTML5, CSS3, JavaScript, Typescript, jQuery, Bootstrap, Tailwind CSS, React, Angular (Basics)
- Database:** MS SQL Server (Stored Procedures, Functions, Query Optimization)
- DevOps & Tools:** Azure DevOps, GitHub, Postman, Swagger, SSMS, Visual Studio, VS Code
- Cloud:** API Gateway, Lambda, EC2, RDS, VPC, IAM, SNS, S3, Textract, Comprehend, CloudWatch
- Automation:** Excel export, email automation (SMTP), file parsing & storage
- Engineering Practices:** Clean Architecture, Repository Pattern, JWT Auth, Unit Testing, Debugging, Performance Optimization

## PROJECTS - INFOPLUS TECHNOLOGIES

### ➤ INFOPLUS RECRUITMENT INFORMATION MANAGEMENT SYSTEM (IRIMS)

- Added new fields, pages, and workflow enhancements based on client requirements.
- Fixed functional defects including dropdown binding issues and page load errors.
- Built a document upload module with file storage and database mapping.
- Rebuilt a multi-step form from an old long form, converting it into a modern, responsive UI.

### ➤ POST-RECRUITMENT MANAGEMENT SYSTEM (PMS)

- Created client-specific dynamic reporting pages with filters and real-time data visualization.
- Developed Excel and email-based reports using ClosedXML and SMTP.
- Added multiple new user-facing pages and fixed issues on the main workflow page.
- Migrated old .NET pages to a newer version for better performance and maintainability.

### ➤ TASK MANAGEMENT SYSTEM (TMS)

- Built dashboards for employee birthdays, anniversaries, and work-hour summaries using WCF services.
- Redesigned pages with Bootstrap for responsive UI and improved CSS styling.
- Implemented Excel parsing to generate biometric attendance reports via WCF integration.
- Fixed bugs and improved application flow and usability.

## PROJECTS - HCLTech

### ➤ CLIENT: IPF (INTERNATIONAL PERSONAL FINANCE) — UK-BASED FINANCIAL SERVICES COMPANY

- Automated financial and operational reports using .NET and C#, reducing manual work.
- Created data-processing modules to generate Excel reports and schedule email delivery.
- Added new backend features and fixed issues in financial workflows.
- Worked with AWS (EC2, RDS, S3, CloudWatch) for hosting, file storage, and monitoring.
- migrated old MVC pages to React for better UI performance.

## EDUCATION QUALIFICATIONS

- **B.Sc. Computer Science** – Bharathidasan University, Trichy (2017–2020)

## CERTIFICATIONS

- **Foundational C# with Microsoft** – freeCodeCamp (Aug 2024)
- **AWS Essentials** – Amazon Web Services (2025)