

Thushar P

Software Engineer

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Profile

Backend-focused Software Engineer with 2+ years of experience building scalable **payment systems** using **.NET/ASP.NET Core** and **AWS**. Strong background in problem solving, distributed systems, microservices architecture, compliance workflows, and performance optimization.

Professional Experience

Software Engineer - Raasoft Infotech pvt ltd 04/2024 – Present | Mangalore, India

- Built and maintained backend services using C# and .NET Core for **payment processing, user management, and ATM transaction** workflows.
- Designed and deployed distributed microservices architecture on **AWS** (Lambda, ECS Fargate, Batch, EventBridge, S3, SQS, SNS) for scalable, highly available systems.
- Integrated **3+ external payment and verification providers** (Fiserv, Incomm, Onfido) enabling secure, real-time system interactions.
- Implemented **compliance checks and transaction velocity controls** to mitigate risk and meet regulatory requirements and automated **settlement and reconciliation workflows**, eliminating manual excel-based reports and improving operational efficiency.
- Implemented **KYC** onboarding flows using **Onfido**, strengthening compliance and customer verification.
- Developed high-performance batch processing logic using hashing techniques to insert and update around **100,000 records** within **3–5 seconds**, significantly improving data synchronization and throughput.
- Implemented **AWS Cognito authentication and access control** for secure user management.
- Built a **centralized notification system** for transaction events, onboarding, and alerts.

Open Source & Community Contributions

Nuget/thushxr 

- Published **2 reusable .NET project templates** on **NuGet**, implementing Clean Architecture for web api and aws lambda function and backend best practices.
- Templates achieved **80+ community downloads**, enabling standardized project structure, dependency injection, logging, and validation.

Skills

Technical Skills: C#, .NET / ASP.NET Core, REST APIs, Microservices, Java, Spring boot, HTML, CSS, Javascript

Cloud & DevOps: AWS services, Docker

Databases: MySQL, SQL Server, Postgres SQL, DynamoDB, Mongo DB

Architecture: Clean Architecture, Domain-Driven Design (DDD), Distributed Systems,

Tools: Git, GitLab, Postman scripts, Grafana K6

Education

Java full stack development, Jspiders Bangalore, India

Diploma in Mechanical Engineering, P A college of engineering Mangalore, India