

DATTA DHEBE

.NET BACKEND DEVELOPER | C# • ASP.NET CORE • AZURE • MONGODB

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PROFESSIONAL SUMMARY

Backend-focused software engineer with 6+ years of experience at NTT DATA building secure enterprise applications using C#, ASP.NET Core/.NET, REST APIs, MongoDB, and Microsoft Azure. Experienced in asynchronous, queue-driven workloads, including campaign approval, scheduling, delivery tracking, idempotency, retry/backoff, bounded concurrency, rate limiting, and recovery. Hands-on background in API integration, role-based authorization, troubleshooting, and testing.

TECHNICAL SKILLS

Backend & APIs: C#, ASP.NET Core, .NET Core, REST APIs, async/await, dependency injection, API integrations

Cloud & Messaging: Azure Functions, Azure Storage Queues, Azure Communication Services, Azure App Services

Databases: MongoDB, SQL Server, PostgreSQL, SQL

Reliability & Security: Idempotency, retry/backoff, concurrency control, rate limiting, state reconciliation, RBAC, JWT/OAuth

Engineering Tools: Git, Azure DevOps, CI/CD, logging, debugging, unit/integration testing, Linux; Docker (exposure)

Additional: Java, Spring Boot, Angular/AngularJS, JavaScript, Azure OpenAI, RAG

PROFESSIONAL EXPERIENCE

NTT DATA Global Delivery Services | Jul 2020 – Present

Information Technology Analyst (current) • Previously: Information Technology Sr. Associate, Services IT Development Program Sr. Associate, Technical Graduate Trainee

Enterprise Mass Email Campaign Platform | Dec 2023 – Present | C#, ASP.NET Core, MongoDB, Azure

- Develop backend services and REST APIs for email campaign creation, templates, CSV recipient processing, approval workflows, scheduling, delivery tracking, and analytics.
- Integrate Azure Communication Services, Storage Queues, and Azure Functions to support asynchronous message delivery and scheduled processing.
- Implement idempotency, retry/backoff, concurrency control, and rate limiting to manage duplicate work, transient failures, and provider constraints.
- Build recovery flows for Accepted/Sent status reconciliation, stale-processing records, and poison messages to improve processing reliability.
- Implement role-based access controls and API integrations; support delivery/click tracking, structured logging, debugging, and unit/integration tests.
- Contribute Azure OpenAI and retrieval-augmented generation (RAG) features for documentation assistance and campaign content suggestions.

Earlier Enterprise Applications & Platform Work | Jul 2020 – Nov 2023 | Java, Spring Boot, Angular, Ansible

- Built and integrated Java/Spring Boot REST APIs and Angular frontend features for automotive and internal enterprise applications.
- Enhanced Ansible deployment/configuration scripts for R3 Corda environments and supported testing, deployment, and technical documentation.
- Contributed Angular/AngularJS interfaces to manufacturing and traceability applications, collaborating across backend and frontend workflows.

EDUCATION & CERTIFICATIONS

Bachelor of Engineering, Information Technology | Sinhgad College of Engineering, Pune | 2017 – 2020

Certifications: Microsoft Certified: Azure Fundamentals (AZ-900) • R3 Corda Developer • NTT DATA GenAI Level-2 (Dec 2024)