MANISH SAHANI
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Summary: `.NET` & `Azure` Developer with 7 years building microservices and cloud-native applications. Expert in `ASP.NET Core`, `Azure PaaS` (Functions, Logic Apps, Event Grid, Service Bus), Kubernetes, Docker, and DevOps practices including CI/CD pipelines with GitLab CI/CD and Jenkins. Proficient in virtualization technologies like VMware vSphere and Hyper-V, container orchestration with Podman, and Infrastructure as Code. Skilled in designing resilient `Azure` systems, optimizing deployment cycles, and ensuring high availability in modern infrastructure environments.

Technical Expertise

- **Backend & Cloud:** `ASP.NET Core`, `C#` • `Azure PaaS` (Functions, Logic Apps, Event Grid, Service Bus, AKS) • Microservices, DDD, RESTful APIs, gRPC
- **Data & Integration:** `SQL Server`, CosmosDB, Entity Framework Core • Event-driven, CQRS, Service Bus messaging
- **DevOps & Platform Engineering:** `Azure DevOps`, GitHub Actions, GitLab CI/CD, Jenkins • Docker, Podman, Kubernetes • IaC (Bicep, Terraform, ARM) • Virtualization (VMware vSphere, Hyper-V, VirtualBox) • Application Insights, SonarQube
- **Frontend:** Blazor, Angular, TypeScript, SignalR • Responsive design, accessibility
- **Security:** `Azure AD`, OAuth2, OpenID Connect, RBAC, Key Vault • API security, encryption
- **Testing:** xUnit, NUnit, integration testing, performance testing

Work Experience

Full-Stack Developer — Mercedes-Benz R&D (via Capgemini)

02/2024 – Oct/2025 | Full-Stack .NET Developer & Platform Engineer – Automotive & `Azure`

- **Cloud & Platform:** Designed and implemented CI/CD pipelines using GitLab CI/CD for automated deployments, reducing release cycles by 40%. Managed Kubernetes clusters on AKS with Podman for containerized applications, ensuring scalability and high availability.
- **Virtualization & Infrastructure:** Configured VMware vSphere environments for development and testing, optimizing resource allocation and improving system performance. Utilized Hyper-V for virtual machine management in hybrid cloud setups.
- **Cloud Services:** `ASP.NET Core` APIs, `Azure Functions`, Logic Apps, Event Grid, Service Bus. Bicep/Terraform IaC, Docker, Kubernetes.

- **Data:** SQL Server , Azure SQL , CosmosDB; Entity Framework Core optimization; 99.9% uptime SLA.
- **Frontend:** Blazor WebAssembly, Angular SPA, SignalR real-time, responsive dashboards.
- **DevOps:** Azure DevOps , GitHub Actions, Jenkins integration, xUnit testing, SonarQube gates, 15-min deployment cycles.
- **Security:** Azure AD , OAuth2, OpenID Connect, RBAC, Key Vault, API token validation.

Full-Stack Developer — Chetu Inc.

09/2021 – 02/2024 | Full-Stack .NET Developer & DevOps Engineer – Healthcare SaaS

- **Backend & DevOps:** Built CI/CD pipelines with Jenkins for continuous integration, integrating automated testing and deployment processes. Managed containerized environments using Docker and Podman for scalable healthcare applications.
- **Virtualization:** Implemented VirtualBox for local development environments, ensuring consistent setups across teams.
- **Cloud:** Azure App Service , Functions, Service Bus, CosmosDB, Blob Storage, Application Insights.
- **Frontend:** Blazor WebAssembly, Angular TypeScript, SignalR real-time, HIPAA-compliant UI.
- **DevOps:** Azure DevOps CI/CD, Docker, Kubernetes, xUnit testing, SonarQube gates.
- **Database:** SQL Server / Azure SQL , 99.95% availability, HIPAA compliance.

Software Developer — Sanchay Tech Private Limited

01/2021 – 08/2021 | ASP.NET Core Developer & Platform Integrator – Enterprise Integration

- **Microservices & Containers:** Designed microservices architecture with Docker and Kubernetes, incorporating Podman for alternative container management.
- **CI/CD & Virtualization:** Set up GitLab CI/CD pipelines for automated builds and deployments. Configured Hyper-V virtual environments for isolated testing.
- **Data:** SQL Server ETL pipelines, EF Core, complex validation, API contract design.
- **Cloud:** Azure App Service , Infrastructure as Code with ARM templates, Application Insights.
- **Security:** OAuth2/JWT authentication, data encryption, audit logging, API security.

Software Developer — RynData Lab Private Limited

09/2018 – 12/2020 | Backend Developer & DevOps Specialist – Data Analytics Platform

- **Backend & DevOps:** Implemented Jenkins for CI/CD, automating the deployment of data analytics services. Used Docker and Kubernetes for container orchestration in distributed environments.

- **Virtualization:** Managed VirtualBox for development VMs, facilitating cross-platform compatibility.
- **Data:** `SQL Server` data warehouse, CosmosDB, ETL optimization, real-time analytics.
- **Cloud:** `Azure App Service`, Functions, Storage (Blob/Queue), Application Insights monitoring.
- **DevOps:** `Azure DevOps` CI/CD, Docker containerization, xUnit/integration testing.

Core Competencies

Cloud & Enterprise: `C#`, `Azure PaaS` (Functions, Logic Apps, Event Grid, Service Bus) | **Architecture:** Microservices, DDD, CQRS, Event Sourcing, clean code | **Backend:** `ASP.NET Core`, REST APIs, gRPC, async patterns, dependency injection | **Data:** `SQL Server`, CosmosDB, Entity Framework Core, query optimization | **DevOps & Platform:** `Azure DevOps`, GitHub Actions, GitLab CI/CD, Jenkins, Docker, Podman, Kubernetes, Bicep/Terraform IaC, VMware vSphere, Hyper-V, VirtualBox | **Frontend:** Blazor, Angular, TypeScript, SignalR | **Security:** `Azure AD`, OAuth2, OpenID Connect, RBAC, encryption | **Quality:** Unit testing (xUnit), integration testing, SonarQube, performance testing | **Leadership:** Team mentoring, code reviews, technical architecture, agile delivery

Education

Bachelor of Technology in Computer Science — Rajasthan Technical University, Kota, India (2014–2018)

Languages & Location

Languages: English (Professional) | Deutsch (A2 – actively learning)

Location: Nuremberg, Germany | Immediate joiner