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TECHNICAL LEAD | AI-ENABLED FULL STACK ARCHITECT

PROFESSIONAL SUMMARY

Results-driven Engineering Leader with **13+ years of experience** in designing, developing, and scaling enterprise-grade software solutions using **.NET, cloud platforms, and modern frontend frameworks**. Proven track record of leading cross-functional teams, modernizing legacy systems into **scalable SaaS platforms**, and delivering high-performance applications.

Experienced in **system architecture, distributed systems, DevOps practices, and AI/LLM integration**, with a strong focus on building maintainable, secure, and scalable solutions. Adept at balancing business priorities with technical excellence while mentoring teams and driving continuous improvement.

CORE SKILLS

Architecture & Engineering

- ✓ SaaS Architecture (Multi-tenant)
- ✓ Microservices & Monolithic Systems
- ✓ API Design (REST, Event-driven)
- ✓ System Scalability & Performance Optimization

Backend & Databases

- ✓ .NET / ASP.NET Core / .NET 8
- ✓ MSSQL, PostgreSQL, MongoDB
- ✓ Database Design & Optimization

Frontend Technologies

- ✓ Angular, React.js, Next.js, Vue.js
- ✓ JavaScript, TypeScript, HTML, CSS

Cloud & DevOps

- ✓ Microsoft Azure (Primary), AWS, GCP
- ✓ CI/CD Pipelines (Azure DevOps, GitHub Actions)
- ✓ Linux & Windows Production Environments

AI & Emerging Tech

- ✓ LLM Integration (Chatbots, Automation, Content Generation)
- ✓ Prompt Engineering & AI Workflow Design

- ✓ Computer Vision & Face Recognition


Leadership & Management

- ✓ Team Leadership (8–15 Engineers)
- ✓ Agile/Scrum & Sprint Planning
- ✓ Hiring, Mentoring & Performance Management
- ✓ Cross-functional Collaboration

PROFESSIONAL EXPERIENCE

Technical Lead

InsightIn | Technology


 Nov 2019 – Present

Key Responsibilities & Achievements:

- ❖ Lead a team of 8–15 engineers across backend and frontend development
- ❖ Designed and delivered multi-tenant SaaS platforms serving international clients (USA)
- ❖ Led architectural decisions for scalable, cloud-native systems (Azure)
- ❖ Modernized legacy applications into high-performance SaaS solutions
- ❖ Implemented CI/CD pipelines, improving deployment efficiency and release stability
- ❖ Collaborated with DevOps teams to ensure production readiness and system reliability
- ❖ Established engineering standards for code quality, testing, and documentation
- ❖ Mentored engineers and led hiring, onboarding, and skill development initiatives

Senior Software Engineer

InsightIn | Technology


 Feb 2016 – Oct 2019

Key Responsibilities & Achievements:

- ❖ Developed enterprise applications using .NET, Angular, and SQL Server
- ❖ Worked on scalable backend systems and API integrations
- ❖ Participated in system design, performance optimization, and database tuning
- ❖ Collaborated with international teams and stakeholders

Senior Software Engineer

Computer Services Limited


 Mar 2013 – Jan 2016

Key Responsibilities & Achievements:

- ❖ Built enterprise software solutions using ASP.NET and SQL Server
- ❖ Designed and optimized complex database systems
- ❖ Developed reporting solutions using SSRS

Junior Software Engineer

AIMS

 Jun 2011 – Oct 2011

Key Responsibilities & Achievements:

- ❖ Contributed to web application development and maintenance
- ❖ Worked on frontend and backend feature implementation

Key Projects

Healthcare Ecosystem (USA)

Multi-tenant SaaS platform, targeting US health insurers to improve their member engagement, retention, compliance and NBA (next best action). Collaborate with other vendors to make the process automated.

Tech Stack: Azure Resources, .NET, Angular, AngularJS, MongoDB, SQL Database, PostgreSQL, Rest API.

Marketing Automation (USA)

Multi-tenant SaaS platform for campaign-based marketing ecosystem. Completely dynamic Landing Page base application with different kinds of Third-party API integration.

Tech Stack: .NET, AngularJS, MongoDB, SQL Database.

Suspect & Associate Detection System

AI-powered surveillance with real-time face recognition & associative detection. Built with Python, React, PostgreSQL, deployed on Linux VPS.

Tech Stack: Django, Fast API, React, PostgreSQL, RabbitMQ, Computer Vision

SadinHub IoT Dashboard

Enterprise IoT dashboard for energy, water, environment & asset management. Purpose to this dashboard to collect the live status to IoT devices and visualize the required information to the dashboard.

Tech Stack: Python, Angular, PostgreSQL, MQTT, RabbitMQ

Digital Tipping SaaS (Filotip)

Cloud-native SaaS for digital tipping & staff engagement.

Tech Stack: .NET 8, Angular, PostgreSQL, Stripe, Azure.

Applicant Tracking System (ATS)

End-to-end recruitment SaaS with job publishing, CV parsing, Twilio integration.

Tech Stack: ASP.NET Core, Vue.js, SQL Database, Graph API, AWS.

Process Automation

Government solution for vaccine production, QC, Inventory, Procurement, and Manpower management.

Tech Stack: ASP.NET Core, Angular, SQL Database, SSRS.

Dynamic ERP

Designed and developed a schema-based, fully dynamic ERP solution adaptable for any business domain.

Tech Stack: Asp.net MVC, jQuery, JavaScript, SQL Database, SSRS

Education:

B. Sc. In Computer Science and Engineering

University: American International University-Bangladesh

Year of Passing: 2012