

ARSHAD KHAN

Software Engineer | .NET Core | Angular | SQL Server

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PROFESSIONAL SUMMARY

Software Engineer with 2.5+ years of experience building enterprise analytics platforms at Sogolytics. Specialize in developing Custom Dashboard features using .NET Core APIs, Angular, and SQL Server, serving clients across healthcare, education, and financial services. Key achievements include 3x performance improvement on data processing features and building an AI-powered chatbot with tool-calling capabilities.

EXPERIENCE

Software Engineer Analyst - 1

Sogolytics

Oct 2024 – Present

Mumbai, India (Hybrid)

- Develop data visualization widgets (Cross Tab, Trend, Rating, Open-End) for Custom Dashboard platform using Angular and .NET Core APIs
- Built AI-powered chatbot with tool-calling capabilities enabling natural language commands for dashboard operations
- Achieved **3x performance improvement** on Cross Tab feature through API optimization and query restructuring
- Implemented data segmentation APIs and Excel export functionality at widget and dashboard levels
- Maintain and enhance legacy VB.NET and .NET Framework codebases ensuring backward compatibility
- Manage CI/CD pipelines, code reviews, and release processes using Azure DevOps

Trainee Technical Analyst

Sogolytics

Jul 2023 – Oct 2024

Mumbai, India (On-site)

- Developed backend APIs using .NET Framework and .NET Core for survey reporting and analytics features
- Created Angular components for dashboard visualization and user interactions
- Wrote and optimized SQL queries for complex data aggregation and reporting modules
- Participated in Agile ceremonies including sprint planning, daily standups, and retrospectives
- Promoted to Software Engineer Analyst within 15 months** based on consistent performance

Project Intern

Autometa Corporation

Sep 2022 – Oct 2023

Mumbai, India

- Developed NLP-based document summarization system supporting multiple formats (.pdf, .doc, .txt)
- Built frontend interface using HTML5, CSS, and JavaScript for document upload and processing
- Integrated NLP pipeline for text extraction and AI-generated summaries

TECHNICAL SKILLS

Backend: .NET Core, .NET Framework, VB.NET, C#, REST APIs, Web APIs

Frontend: Angular, TypeScript, HTML5, CSS3/SCSS, JavaScript

Database: Microsoft SQL Server, Query Optimization, Indexing, Stored Procedures

DevOps & Tools: Azure DevOps, Git, CI/CD Pipelines, Visual Studio, VS Code, Postman

Other: Agile/Scrum, Code Reviews, Performance Optimization, Legacy Code Maintenance

PROJECTS

Custom Dashboard Platform | Angular, .NET Core, SQL Server

Sogolytics

- Enterprise analytics platform with drag-and-drop widgets for survey data visualization
- Built segmentation, cross-tab analysis, trend visualization, and multi-format export features

AI-Powered Dashboard Chatbot | AI Framework, .NET Core APIs

Sogolytics

- Intelligent chatbot with tool-calling capabilities for natural language dashboard operations

Student Attendance System | Python, Tkinter, SQL, OpenCV

Academic

- Face recognition-based attendance system using LBPH machine learning algorithm

EDUCATION

M.H. Saboo Siddik College of Engineering

Mumbai, India

B.E. in Electronics & Telecommunication | CGPA: 9.32

Aug 2019 – Mar 2023

CERTIFICATIONS

- Letter of Internship Completion** – Autometa Corporation (Apr 2023)
- ERR_404 5.0 Hackathon** – Programmers Club (Feb 2023)