SHARUKH SHAIKH

Senior Software Engineer | Tech Lead | Associate Solution Architect | AI Engineer

SUMMARY

Around 10 years experienced enterprising software engineering professional, gained hands-on experience in designing, implementing, and installing software solutions and developing high-quality software designs & architecture. Adept at brainstorming & creating various tools and applications by producing efficient code, conducting systems analysis to improve operations, and automating tasks through appropriate tools & scripting. Proficient in interacting with the clients to successfully execute multiple big-ticket projects within the stipulated time.

PROFESSIONAL EXPERIENCE

Senior System Analyst
Nov '23 - Present

DNA Infotech PTE LTD (Synapxe)
Singapore

Domain & Description
- Enhanced patient care efficiency & **doctor-patient interaction** through a telemedicine solution platform utilized by general physicians for managing patient visits, consultations, & subsidies

Technology Stack
- Optimized queries & performed data modeling in Sql Server 2016 alongside **developing APIs with C#, .Net Core Web API, AWS managed services, Entity Framework, & WPF**

Roles and Responsibilities
- Doubled sales & maximized efficiency by 30% through **tailored services development & management** leveraging AWS, Azure, .NET, & cloud technology with agile methods
- Utilized Scrum & Kanban methodologies to **significantly improve stakeholder satisfaction**, achieving early project milestones through collaborative user story mapping techniques
- Decreased downtime by 40% by leveraging Azure Devops Kanban bug tracking system for efficient issue resolution, resulting in **enhanced operational efficiency**
- Improved data access efficiency by optimizing database design, stored procedures, functions, & triggers utilizing **SQL Server**, resulting in enhanced performance metrics & reduced response time

Senior Software Consultant
Mar '21 - Nov '23

Datamatics Global Services LTD (Holman)
Mumbai, IN

Domain & Description
- Implemented telematics devices, GPS tracking system, & **fleet management software for cross-functional integration** across global operations. Employed neural networks to process raw data from edge devices, **extracting pattern recognition user insights**

Technology Stack
- Leveraged **NService Bus** in C#, ASP.Net MVC, Entity Framework, Windows Service, **NHybernate**, Oracle, & WCF Service to accelerate data processing speed & fortify real-time ETL resilience

Roles and Responsibilities
- Develop and uphold tailored web applications and services utilizing ASP.net MVC, C#, Web API, Oracle, and Agile project methodologies.
- Work together with business analysts, users, and other stakeholders to gather requirements and execute them effectively.
- Handle issues, resolve bugs, and troubleshoot any problems that arise.
- Architected Oracle database solutions, designed procedures, functions, & triggers to **optimize query execution** for efficient data access

Software Developer
Mar '17 - Mar '21

Celusion Technologies PVT LTD (Creditsafe)
Mumbai, IN

Domain & Description
- Utilized Creditsafe platform, integrating data from Experian, Equifax, & others, to assess potential partnerships & provide tailored credit reports to inform purchasing decisions, ultimately enhancing

CONTACT

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KEY SKILLS

- Software Development & Unit Testing
- Data Analytics • Artificial Intelligence •
Microservices • Distributed Computing •
Communication • Leadership • Project
Management • Problem-solving •
Research • Collaboration • Adaptability
and Flexibility • Technical Proficiency •
Cybersecurity & Compliance • Risk
Identification and Mitigation • System
Design • Object-oriented Design • On-
premise and Cloud-based Solutions •
DevSecOps • Infrastructure as Code (IaC)
• Creativity and Innovation • Customer
Focus • Continuous Learning • Agile
Methodologies

TECHNICAL SKILLS

Programming Languages:
C#,JavaScript,Python,Go
Web Application &
Frameworks:HTML5,CSS,Bootstrap,ReactJS,VueJS
Databases:
Oracle,MySQL,MS SQL
Server,MongoDB,PostgreSQL
Container
Orchestration:Docker,Kubernetes
AI Frameworks:
TensorFlow,Keras
AI Algorithms:
Deep Learning,Attention
Mechanisms,Transformers,Support Vector
Machines (SVM),Computer Vision
(CV),Reinforcement Learning (RL),Natural
Language Processing (NLP)
Message Brokers:
RabbitMQ,MSMQ,Amazon Simple Queue
Service (SQS),Azure Service Bus
Cloud Computing:
Microsoft Azure,Amazon Web Services
(AWS)
Web App Servers:

decision-making processes. The product serveres as a platform for business to check for creadit rating of a company before doing business with it. It is similar to CIBIL scor but for businesses

Technology Stack

- C#, Sitecore ASP.Net MVC,Web API, Entity Framework,Jquery, Sql Server.2016. .Net framework, MVC 5, MS-SQL, Angular, Type script, WPF, WCF, Azure, Application Insight, SSRS, Sharepoint, Tapi,

Roles and Responsibilities

- Develop and maintain customized web applications and services using ASP.net MVC,C#,Web
- Implemented Oracle Database & API integration to streamline project timelines, leading to a **20% productivity increase** following Agile methodologies
- Create and apply UI requirements using Razor view engine,Jquery,HTML and CSS
- Collaborate with business anlaysts ,users and other stake holder to collect requirements and provide implementation
- Responsible for the development, implementation and support of the database.
- Development of the database, procedures, functions,triggers to support responsive data access .

Software Developer
Oct '15 - Mar '17

Datamagic (India) Pvt. Ltd.
Mumbai, IN

Domain

- Developed a patient-related service platform in healthcare & **spearheaded a promotional campaign in finance**, leveraging expertise in healthcare compliance regulations & advanced financial modeling

Technology Stack

- c#, Sitecore .net framework, MVC web API, Bootstrap, Jquery, MSSQL, Entity framework, HSM, AWK script

Roles and Responsibilities

- Developing web applications to cater the need of different clients in finance and healthcare domain which had a customer facing website with end to end workflow and use cases.
- Producing clean & efficient code and supervising **code testing,** debugging & Deploying

Software Developer
Aug '14 - Oct '15

Geecon Solutions Pvt. Ltd. (Compassion UK)
Mumbai, IN

Domain & Description

- Led the Compassion UK project aimed at child sponsorship across various domains, resulting in **increased community engagement**

Technology Stack

- C#, .net framework, WCF, Oracle right now crx, PHP, NService Bus, MSMQ, MSSQL, WPF

Roles and Responsibilities

- Customizing blackbaud crm with .net framework to centralize the data warehouse for customers across all the NGO platform
- Producing clean & efficient code and supervising **code testing,** debugging & Deploying

EDUCATION

Master of Science in Artificial Intelligence and Machine Learning	Jun '20 - Oct '22
Liverpool John Moores University	Liverpool, UK
Bachelor of Science in Information Technology	Jul '11 - Jul '14
Mumbai University	Mumbai, IN

Certifications

- **PG Diploma in Machine Learning and AI** | Upgrad | Jun '21
- **GNIIT (Software Engineering)** | NIIT | Jun '17

Apache,Internet Information Services (IIS),nginx

Source Version Control:

Git (Azure DevOps),GitHub,Bitbucket

Other Frameworks and Libraries:

ASP.NET MVC Framework,OWASP (Open Web Application Security Project),Sitecore,Microservices,NServiceBus,Matplotlib,E-commerce Management,Machine Learning Operations (MLOps),DevOps,Parallel Programming,Continuous Integration/Continuous Deployment (CI/CD),RESTful API,SOAP Services,GraphQL,Microservices Architecture,Serverless Computing,Data Pipelines and ETL/ELT,AIOps/MLOps,Internet of Things (IoT),Infrastructure as Code (IaC) with terraform,Relational Database Management Systems (RDBMS),Jira,NoSQL,Optical Character Recognition (OCR) with Tesseract