Tanmoy Sarkar

India   ✉ tanmoysarkar1@gmail.com   📞 09505862613

in www.linkedin.com/in/tanmoy-sarkar-7a326030

Profile

Highly skilled and results-driven Solution Architect with over 13 years of experience in assisting Enterprise and mid-market companies to successfully scale their business operations. Demonstrated expertise in designing and implementing scalable solutions across multiple cloud technologies, including AWS and Azure..

Professional Experience

Neudesic (an IBM company), *Principal Consultant*
04/2013 – present
Hyderabad, India

Accenture, *Senior Software Engineer*
06/2013 – 03/2014
Hyderabad, India

Cognizant, *Programmer Analyst*
11/2009 – 03/2013
Kolkata, India

Certificates

AZ-900 : Microsoft Azure Fundamentals • GCP Associate Cloud Engineer

AWS Certified Solution Architect • AZ-305: Designing Microsoft Azure Infrastructure Solutions

Languages

English • Hindi • Bengali

Skills

- AWS
- Azure
- C#
- TypeScript
- Xamarin Forms

Publications

Book : Building Modern Serverless Web APIs: Develop Microservices and Implement Serverless Applications with .NET Core 3.1 and AWS Lambda, *BPB*
  https://www.amazon.in/Building-Modern-Serverless-APIs-Microservices-ebook/dp/B096ZB8HMZ

2021

**Springer: A Cluster Based Multi-Radio Multi-Channel Assignment
Approach in Wireless Mesh Networks,**
Springer, CNC 2011, CCIS 142, pp.487-491

01/2011

Paper: Steganalysis: Detecting LSB Steganographic Techniques,
IJESM, Vol. 4 Issue 2

05/2014

Reversible and Irreversible Data Hiding Technique, *IJESM, Vol 4, Issue 2*

05/2014

Awards

Gold Medalist, *Jadavpur Univesity Kolkata*

07/2009

Projects

Document Intelligence
Worked on this project as an Architect and use Azure AI services like form recognizer, OCR and text classification. In this project we trained our models using different documents and then extract relevant data to send it to downstream systems.

Sports Event Administration
Client need app portal to conduct events and sports. For this they want to migrate their existing app from legacy to latest technologies.

Worked on serverless architecture using AWS Lambda, hosted static website in S3 bucket, configured code build pipeline for automated deployment. Involved in client requirements , design discussion and architecture.

Tools/Technology: AWS, Visual Studio 2019, VS Code, GitHub

Image Sharing and Streaming App
Worked as a freelancer architect in a project where clients want to establish a subscription-based business around streaming photos uploaded by professional photographers. This project supports mobile and web using a single code base. We have architect the application using opensource CNCF technologies for background functionalities and front using Flutter.

Fitness Mobile App
Client need mobile app for health monitoring using cloud technology. Worked as a Full Stack developer on this project.
Involved in multiple tasks like resolving bugs, implementing new functionalities, involved in designing and architecture Azure solution and client application on Xamarin Forms

Supplier Integration project
This project was a development and enhancement supply chain management project. It includes changes in existing business flow and developing new business flow as per business changes. It also includes new partner onboarding on integration platform.
Applications are based on BizTalk 2009, SQL 2008 and C#.Net. Application mainly interacts with SAP system and SQL. Supported message formats are EDI X12 and Oagis xml.

Cloud Migration
Migration project from AWS to Azure. Clients want to reduce their cost by migration Windows VM from AWS to Azure. I have involved in understanding applications architecture and created Azure target architecture.