Vineet Nair　　　　Email: nairvins1@gmail.com　　　　Phone: 203-391-8655

Professional Synopsis

Senior technology executive with successful track record of 16+ years of developing strategy, cost-effective solutions, implementing, and leadership in transformative initiatives. Deep understanding of the highly regulated financial industry with passion for driving digital technology to reduce risk and optimize revenue for the organization. Principal architect of all cloud strategies.

Employment History

RQDClearing, May-2023 to Mar-2024　　　　　　　**Director of Software Engineering**

- Engineered a high volume real-time FIX drop-copy for inhouse back-office system that integrated with multiple OMS/EMS, operating 24x6
- Created and deployed a C# WPF-based real-time back-office monitoring system to efficiently present the status of different processes and issue auto alerts
- Established the Azure environment, encompassing the setup of CosmosDB MongoAPI, SQLServer, Azure Key Vault, and Windows virtual machines. Deployed Azure DevOps to implement and update CI/CD workflows
- Use data modeling for Sql and NoSQL data
- Using python to generate reports in excel , PDF or csv format

  Technologies: C#.Net, QuickFIX 4.2/4.4, Azure Key vault, Azure MsSql, Azure CosmoDB MongoAPI, Azure DevOps, Azure Service Bus, DevExpress, PowerShell, Python

Rein, Jan-2023 to Apr-2023　　　　　　　　　　**Senior Platform Architect**

- Designed, developed and implemented microservice systems using React to gather real-time customer information from third party API stored in MsSql and Cosmo DB
- Created database for various asset group using MsSql

  Technologies: C#.Net core, React, Azure, MsSql, CosmoDB, GitHub, Confluence, Docker, Jira

NuEnergen, 2022　　　　　　　　　　　　　　**Principal Architect**

- Coded, designed and implemented microservice system using new technologies Golang, RabbitMQ and MySql database to support real-time IOT device
- Implemented new system infrastructure such as migration of legacy PHP process to Golang aiming for better efficiency and cost reduction
- CI/CD docker integration using GitHub and EC2

  Technologies: Golang, AWS MySql, SQS, AWS-IOT, S3, GitHub and EC2, Confluence

Vision Financial Markets LLC, 2008 – 2022　　　　　　　**Vice President – IT**

- Developed Financial Information exchange (FIX) protocol and real-time order flow systems in C# with Rabbit-MQ to facilitate trade placement/routing/execution/data parsing for various OMS/EMS vendors (SunGard/FIS, Bloomberg…) adhering specifically around market timing, execution protocols, and data filtering
- Architected and developed regulatory reporting systems for CAT, OATS and Blue-sheet compliance. Restructured existing applications to facilitate risk calculation, trade compression, stream credit monitoring, average pricing, stock loan/borrow required by functional teams
- Architected and developed a real-time trade transaction history report to fulfill both internal and external regulatory requirements

- Coded front end solutions including new account opening process primarily using Salesforce as backend/API. Migrated in-house commission/money movement processes and third-party application to Salesforce environment
- Employing an Agile software development life cycle to meet project demands
- Coded/design and workflow of web account opening process by gathering information from web application and then using FIX4.4 protocol to open account in back-office system
- Led the migration of in-house infrastructure to Azure and box.com, closing three data centers and achieving 100% compliance and regulatory satisfaction

Technologies – C#, Java, Python, Asp.Net, Azure APP, Azure blob storage, MsSql, Automate, GitHub, OnixFIX, Socketlab, Confluence, Winform, Rabbit MQ, StockChartX, Telerik, FIS

Academic Credentials

Master in Computer Management

Bachelor of Commerce & Accounting

Diploma in Computer Networking

Certification - CIAM (Identity Management Institute)

Series 99 (Operations Professional Qualification Examination) (Finra Certification)