**Ham Jeen Franklin**

**Vice President at BlackRock**

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**Summary**

Total 13 years of experience in IT industry as a Cloud Native Application Engineer/Architect

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Hands-on, technical evangelist focused on building cloud-native applications with special interest in event-driven, distributed architectures, Microservices and serverless computing

Results oriented technical evangelist, focused on delivering innovative and high-quality products to achieve high customer satisfaction and business results. Passion to build, motivate and lead small to large high performing teams and deliver customer success.

**Work History**

Nov ’19 – Present **Vice President**

**BlackRock**

*Foresight- Net Zero Climate Cloud Native Platform*

* ​Designed and developed large scale applications aligning to the customer on the modernizing business landscape using Angular, Node.js, Python
* Worked closely with Azure specialists to land and coordinate the plans, strategies, and design to successfully help our customers to build their application modernization and software strategy on Azure.
* Delivered excellent results by leveraging microservice best practices, innovative tools like Argo, Minio, Consul, Tus and giving guidance during the application migration and development phases.
* Worked closely with customers to assess the knowledge of Azure platform and overall cloud readiness to support them through a structured learning plan and ensure delivery and completeness of the overall solution.
* Provide technical leadership for customers in their effort to migrate from a monolithic code base to microservices using Angular, Python, Golang and Node.js.
* Protected application by integrating them to Okta through modern authentication protocol OpenID Connect.
* Developed strategies for improving and implementing continuous delivery using Azure Devops, kustomize and helm.
* Developed the strategy for microservices deployment, testing and provide guidance and direction for internal API development and consumption.

Dec ’17 – Oct’19 **Technology Lead for US Citi Risk Portfolio UI Application**

**CITIBANK**

*Citi Risk Application Development – Digital Acquisitions*

* Hands on Lead for the development of US Citibank Portfolio Definition Application Acquisitions team which uses Full stack and RESTful architecture.
* Effectively used Lazy loading and DOM change detections to handle humongous data for an optimal runtime performance of the application.
* Developed Angular 6, Angular Material, Spring Boot REST APIs and implemented a persistence layer for the application.
* Utilized Angular for its efficient data flow architecture to develop a lightweight, render efficient SPA application
* Implemented Authentication and addressed various security issues in the application.

Jun ’11 – Dec ‘17 **Senior Software Engineer**

**Guardian Life Insurance**

*Electronic Data Interchange - Digital Acquisitions*

* Responsible for the complete development and delivery of the User Interface of the application using angular.js.
* Managed offshore resources in project execution and facilitated technical problem resolution.
* Subject Matter Expert on Guardian's Electronic Data Interchange Application and client often relies on my expertise to take key decisions.
* Developed reducer functions for the module store in order to create the parent/child hierarchy.

Feb ’09 – May ‘11 **Software Engineer**

**Discover Card**

*Online Banking –Credit Cards, Rapid Settlement*

* Developed Complaint Accessible Friendly Webpages based on prototypes using HTML5, CSS3, SASS, jQuery and other JavaScript libraries.
* Rapid Settlement was a flagship product and developed reusable components.
* Worked with the team in deploying numerous innovative architecture initiatives that has led to significant cost savings

**Education**

2006 - 2008 **Master of Computer Application**

**Anna University**

**Professional Skills**

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| Programming | JavaScript, TypeScript, Python, Angular, Node.js, Go, NgRx, Terraform, Flask |
| Cloud Native Technologies | Kubernetes, Docker, Argo, Minio, Helm, Kustomize, Splunk, Prometheus, AKS, Tilt |
| Tools | Azure DevOps, NPM, Webpack, JIRA |
| AuthN/AuthZ | Okta, Ambassador, OpenID Connect, Managed Pod Identity, Consul, Azure Active Directory |
| Software Methodologies | Agile, Waterfall, Microservice, Micro Frontend |
| Testing | Cypress, Jasmine, Karma |
| Database | MSSQL, PostgreSQL, Liquibase, SQLAlchemy |

**Certification**

* LOMA 280 – Principles of Insurance
* AWS Technical Professional
* AWS Certified Solution Developer – Associate