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

Hands-on, technical evangelist focused on building web scale, 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

Senior Software Engineer II
BlackRock

Foresight- Net Zero Climate Platform

o   Designed and developed large scale applications and innovation projects aligning the customer on the modernizing business landscape.
o   Worked closely with Azure specialists, CNCF partners to land and coordinate the plans, strategies, and design to successfully help our customers to build their application modernization and software strategy on Azure.
o   Delivered excellent results by leveraging best practices, innovative tools, thought technology leadership and giving guidance during the application migration and development phases.
o   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.
o   Provide technical leadership for customers in their effort to migrate from a monolithic code base to microservices. Developed strategies for improving and implementing continuous delivery. Develop 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

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

- o Led the UI development of a data heavy EDI using Angular, Bootstrap, RxJS, NgRx and AWS by utilizing REST service exposed from Java Backend.
- o Responsible for the complete development and delivery of the User Interface of the application.
- o Managed offshore resources in project execution and facilitated technical problem resolution.
- o Subject Matter Expert on Guardian's Electronic Data Interchange Application and client often relies on my expertise to take key decisions.
- o 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

- o Developed Complaint Accessible Friendly Webpages based on prototypes using HTML5, CSS3, SASS, jQuery and other JavaScript libraries.
- o Rapid Settlement was a flagship product and developed reusable components.
- o 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

Programming	JavaScript, TypeScript, Python, Angular, Node.js, Go, NgRx, Terraform
Cloud Native Technologies	Kubernetes, Docker, Prometheus, Argo, Minio, Helm, Kustomize, Flask
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

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