ANEES MOHAMMED

SOLUTIONS ARCHITECT

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PROFILE

I'm a Solutions Architect, Distributed Systems Specialist and Full Stack Engineer with 12 years of total experience.Distributed Systems Experience includes designing and implementing multiple large scale event driven systems that provides high availability, fault tolerance and transaction guarantees. Solutions Architect and Full Stack Engineer projects includes designing and building various kinds of applications like business rules engines, time and project management, log analysis, email notification systems and chat bots. Continuous learner and is always on the look out for challenging and interesting projects.

SPECIALITIES

- Distributed Systems
- Data Intensive Applications
- Event Driven Architectures
- Stream Processing
- Web Application Development
- Full Stack Engineering
- Object Oriented Programming
- Functional Programming
- Cloud Native
- Devops

INDUSTRY SKILLS

- Enterprise Architecture
- Full Stack Engineering
- Backend Development
- Database Development
- Web Application Development
- Test Driven Development
- Cloud Computing
- Devops
- Project Management
- Distributed Systems Design
- Serverless Computing
- Streaming Solutions
- Chat Bot Development

TOOLS/TECHNOLOGIES/LANGUAGES

JavaScript
Node.js
TypeScript
Python
IronPython
.Net
C#
Go
Ruby
Ballerina
Docker
Rasa
Powershell
Serverless
WCF

Angular
Vue
Express
MVC
Koa
MySQL
PostgreSQL
Azure
MongoDB
GraphQL
Alexa
Redis
GIT
ELK
FluentD

Apache Kafka
Kafka Connect
Kafka Streams
Confluent Kafka
Confluent KSQL
KsqlDB
Schema Registry
Apache Flink
Kubernetes
DialogFlow
AWS
Confluent Replicator
Microservices
Apache Druid

EMPLOYMENT HISTORY

Sr Technical Architect | Quinnox Services | Motorola
Nov 2019 - Present | Contract | Remote

- Design and implement scalable multi data center Event Bus using Kafka

- Secure and Authorized access to Event Bus using Kafka ACL and Kafka security mechanisms.

- Performance tuning kafka clusters and integrations

- Assist integration teams to build solutions on top of Event Bus using Kafka Streams, Kafka Rest, Schema Registry, KSQL, KsqlDB

- High Availability infrastructure using Confluent Replicator to copy messages between data centers

- Log analysis solution using Event Driven Architecture integrating data from multiple third party systems.

- Design and Implement Business Rules Engine to automate daily tasks.
- Single Page Application for Log analysis and rules configuration.

TECH STACK

Confluent Kafka
Kafka Connect
Confluent Replicator
Confluent Control Panel
Kafka Streams
KSQL
KsqlDB
Schema Registry
Kafka ACL
Confluent REST
Python

Linux

Docker
Kubernetes
Splunk
Node.js Full Stack
FluentD
Powershell
Express
Zookeeper
AWS
Angular
Java

AWS

Type your text

Innovation and Solutions Architect | Privus
Jun 2017 - Nov 2019 | Hyderabad

- Design and implement event driven ETL pipeline to sync changes between systems in a real time basis.

- Architect and implement single page donation system and integrate with CMS.

- Design and implement Project and Time Tracking Web Application

- Developed Questionnaire chat bot for university students.

- Notification system using handlebars and express to easily create and send out notifications

- Mass Email System to send out bulk emails

- Refactoring legacy code base using SOLID and CLEAN code principles.

- Project Management

- Scalable Canvas LMS integration using Python Celery
- SSO login functionality using Vue and Okta

- POC's on AWS, Azure and GCP platforms

Node.js Full Stack
Python
TypeScript
Ballerina
Apache Kafka
Kafka Streams
Kafka Connect
Kafka ACL
ELK
Celery
AWS Serverless
AWS Identity Management
Firebase
Test Driven Development
.Net
MySQL
Powershell
Cloud Native
Schema Registry
Nginx
Git
CI/CD
Microservices

Docker
Kubernetes
Angular
Vue
Material CSS
RXJS
Alexa
DialogFlow
Rasa
SparkPost
Express

Agile

Drupal
MongoDB
Shell Scripting
Podio
Redis
Koa
Gitlab
AWS Devops
Linux

Sr. Full Stack Engineer | Kudobuzz

Jan 2017 - May 2017 | Remote

- Design and implement ETL pipeline to collect and analyze social reviews from multiple platforms.
- Develop Web Application using Full Stack Node.js creating the API layer for social reviews, broken links and SEO optimization.

Node.js Full Stack

Apache Kafka

Python

Test Driven Development
Express
Mocha
Devops

Agile

Apache Connect
Git
Slack
SuperTest

Apiary
AWS Serverless
CI/CD

Microservices

Full Stack Engineer | Replicon

Jun 2014 - July 2016| Bengaluru

- Engineer and deploy new product features for Replicon Project and Time Tracking Software

- Refactor existing codebase based on SOLID and CLEAN code principles to remove bottlenecks and improve perfomance

- Migrate monolithic legacy applications to microservices
- Developed Business Rule Engine using IronPython

.Net
C#
Postgres
MVC4
Windows Communication Foundation
Python
ORM
IronPython
AWS

Docker
Nunit
TypeScript

Node.js
Ember
MongoDB
Agile

Sustenance Engineer | Replicon
Jun 2013 - Jun 2014| Bengaluru

- Refactor existing codebase based on SOLID and CLEAN code principles to remove bottlenecks and improve perfomance

- Identify and fix bugs in Replicon Project and Time Tracking Solution reported through splunk or by customers

Devops

AWS
Splunk
.Net
C#

Node.js

Postgres
Nunit
MVC4

Customization Engineer | Replicon
Aug 2011 - Jun 2013| Bengaluru

- Build custom solutions on top of Replicon Time and Project Management software

- Develop Custom business rules, migration and analytics tools

Customization

Node.js
SQL Programming

Python

Customization Engineer | Replicon
Jul 2011 - Aug 2011| Bengaluru

- Provide Technical Support to Replicon Time Tracking and Project Management Solutions.

Support

Virtualization Engineer | Minacs
Aug 2008 - Mar 2011 | Bengaluru

- Support Parallels virtualization and web hosting solutions like Plesk and Parallels Desktop

Support

Web hosting

Linux

Virtualization

Shell Scripting