JUSTIN MATHEW

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17th Dec 1991
Bangalore

I find happiness in making an impact on customers using technology!

L I N K S

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V I S V E S V A R A Y A T E C H N O L O G I C A L U N I V E R S I T Y
MCA 7.2

TECHNICAL SKILLS

PRIMARY:
Azure, Eventhub
Java 8
Spring 5.x, Spring Security
Spring Data
Postgres, Timeseries with ADX
Redis
Visual studio
pipelines/wecker/Maven/ gradle
Git

SECONDARY:
JavaScript/jQuery
Python

SOFT SKILLS
Reading/Learning

PERSONAL SKILLS
Analytical Techniques

M E R C E D E S B E N Z R & D I N D I A (Bengaluru)   **Apr 2019 - present**

DESIGNATION: *SENIOR CONSULTANT → PRINCIPAL CONSULTANT*
Daimler India Commercial Vehicles (DICV) – Truckonnect -> Tele Diagnostic Portal

ABOUT: This app helps DICV support team to monitor all 20k+ trucks in India and provide support based on DTC signals propagates from the trucks. This helps DICV support team in analyses of various DTC occurrences over region, type of vehicle etc.
TECHNOLOGY USED: Azure Cloud/Azure Data Explorer (ADX)/Azure Data Factory (ADF)/IOT Hub/EventHub/ Kubernetes/ Docker/Java 1.8/Spring Boot
ACHIEVEMENT: Lead the development of complete module, designed efficient timeseries analysis algorithms on azure data explorer/Kusto, data pipelines to handle millions of telemetry signals from each Bharath Benz BSVI trucks in India. Integrated app insights, API manager, Key Vault. Created Role based authentication mechanism using spring security and enabled JWT auth at API manager level.

DESIGNATION: *SENIOR CONSULTANT*

Daimler India Commercial Vehicles (DICV) – Truckonnect

ABOUT: This application helps fleet owners to monitor the trucks in his fleet and various metrics of the trucks. Various analytical programs are built to support E2E visibility of the truck's daily activities
TECHNOLOGY USED: Azure Cloud/Azure Data Explorer (ADX)/Azure Data Factory (ADF)/IOT Hub/EventHub/ Kubernetes/ Docker/Java 1.8/Spring Boot
ACHIEVEMENT: Designed tables for large scale timeseries data processing. Developed custom libraries to be used on spring microservices -Easy to use annotations, Easy to use data layer. Scaled up the performance of analytical programs written on Kusto/ADX from 100 trucks to 20k trucks sending telemetry data every 5 seconds. Addressed network delay in India using window processing. Lead the structure design of messages from IoT devices.

C A P G E M I N I
DESIGNATION: *ASSOCIATE CONSULTANT*

Canon UK. (B2C)

ABOUT: This portal (Canon cps) enabled worldwide professional customers of canon to access range of benefits including discounts, priority repair services etc.
TECHNOLOGY USED: Java 8, Spring Rest, Spring Security, Thyme leaf, JavaScript
ACHIEVEMENTS: Worked on integrating AKAMAI content delivery with Canon CPS portal to improve content delivery on multiple regions. Integrated Spring Security with Canon's Single sign on process. Worked on Redis caching techniques to improve customer experience. Lead the development of sitemap generation by pooling data from SDL Tridion Content platform using Spring Batch for Canon Europe.

Coats UK(B2B)

ABOUT: Coats is the World's Leading Industrial Thread Manufacturer. The application will act as a procurement layer between retailers and coats. Through this app various kind of Threads and Trims purchase has been enabled.
TECHNOLOGY USED: Java 8, Spring Rest, Auth0, Spring Security, Thyme leaf, Docker, Mesos, Cassandra, Elasticsearch
ACHIEVEMENTS: Developed custom spring annotations for push message service backed up by Redis. Worked on Cassandra to Elastic Search data sync, Developed REST apis backed up by elastic search to serve historical purchase data with multiple dynamic filters. Worked on JFrog integration for Maven common library.

S I L V E R L A K E I N F O R M A T I O N S Y S T E M S (Bengaluru)   Mar 2015 -Jun 2017

DESIGNATION: *SOFTWARE ENGINEER*

3M India (B2B)
ABOUT: The application acts as a layer between 3M and its customers through which they can procure products in bulk. This portal enabled the ordering of more than 10K various skus an easy process for customers throughout India.

TECHNOLOGY USED: Java 8, Spring Rest, Spring Security, Angular 1.3

ACHIEVEMENTS: Worked on building an integration with IBM's AS400 back end and Spring framework to expose various rest APIS. Handled spring security role-based login for 3M India.