

KARAN JAIN

I thrive on challenges and ambitious goals . My greatest ability is to stay true to my work . Passionate developer interested in crafting clean code.

INTERESTED AREAS : System Design And Scalability.

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EXPERIENCE

MICROSOFT, Bengaluru — *Software Developer Engineer*

April 2020 - Present

Supply Chain (Data Platform)

Part of the Supply Chain Data Platform Team, responsible for movement of data from customer's storage to azure storage using Azure Data Factory and Azure Synapse Analytics.

Supply Chain (UI Team)

Led the Supply Chain UI Team, responsible for building an Azure Portal Extension which would be used by the customers to use the backend functionality.

BLACKBUCK , Bengaluru — *Software Developer Engineer*

Oct 2019 - April 2020

Part of the **Core scale team** mainly focusing on scaling issues and also part of the **Payment team** mainly focusing on integrations with the third party payment gateway's.

YATRA , Bengaluru — *Software Developer Engineer*

July 2018 - Oct 2019

Part of the **B2B-Tech Team**. The main role was to develop Rest Microservices for B2B-Oriented Products like Hotel , DMT , Travel Insurance etc.

YATRA , Bengaluru — *Intern*

January 2018 - June 2018

The training revolved around knowing the technology used in the company and getting used to the professional environment.

PROJECTS

AZURE PORTAL EXTENSION:

Description : Developed and designed the complete customer experience from scratch using the Azure Portal SDK like deploying workspace (Supply Chain Resource) and managing features like data pipelines , datasets and applications via the Azure Portal.

Technology : Knockout JS, Html , Azure Identity

SKILLS

PROGRAMMING

LANGUAGES:

C , C++ , Java, C#, Python

DATABASE:

Mysql , Mongoddb ,
Aerospike

WEB-DESIGNING:

Html , Css , Bootstrap

FRAMEWORKS:

Spring Boot , DropWizard

OTHERS:

Kafka , Prometheus ,
Grafana , Docker ,
Hibernate, Azure Data
Factory, Azure Synapse
Analytics

AWARDS

- Open Supply Chain
Appreciation Reward
(OSCAR) (April 2021)

- Paper Published, Fuzzy
based uncertainty
modeling of Cancer
Diagnosis System.

- Blackbuck Star of the
month (Dec 2019)

-Blackbuck First Mile
Award .

-Google Code Jam
(2017-18)(Round-2)
Qualified.

EDUCATION

DATA PIPELINES:

Description : Developed the complete end to end solution for cross tenant copy of data from Supply Chain storage to the Customer/Partner Storage with filtering capabilities based on ingestion id and entity schema. It was done using a spark job which read from multiple partitions efficiently and applied a query on it for the filtered data.

Technology : C#, Azure Synapse Analytics, BJS Worker Job, Py-Spark, Azure ADLS gen 2

DISTRIBUTED TRACING

Description : Getting the complete traces of your rest services and being able to trace every request and getting dependency graphs of your complete system.

Technology : Zipkin , Spring Sleuth , Zipkin-js , Node-js , Elastic Search , AWS, Java , Jmeter

JMX BEANS

Description : Getting real time data of your jvm and setting up alerts based on a threshold value , helping the team to act on the systems before they go down.

Technology : Spring Boot , New Relic , Jconsole , Hikari Thread Pool , Java

MONITORING SYSTEM

Description : Monitoring Rest Api Endpoints based on factors Throughput and Latency.

Technology : Java , SpringBoot Actuator , Prometheus , Grafana

REST SERVICES

Description : Developing and designing various rest services like B2B-Hotel , B2B-Dmt , fms-rmm , fms-inbound etc as per the business requirement and various dependency modules for the above.

Technology : Java , SpringBoot , Docker , AWS , Mongo , MySQL , Kafka , React , Redux , Hibernate , Aerospike , Redis.

CANCER DIAGNOSIS SYSTEM

Description : A system that tells the cancer value between 0-4 based on certain input points.

Technology : Weka , Matlab

Vellore Institute Of Technology , Vellore — B.Tech

2014-2018

Field : Computer Science
And Engineering

CGPA : 9.05

S.A.Jain Senior Model School, Ambala — Class-12

2013-2014

Field : Science (Non -
Medical)

Board : CBSE

Marks(%) : 93

S.A.Jain Senior Model School, Ambala —

Class -10

2011-2012

Board : CBSE

CGPA : 10.0