

## » Profile Summary

- ✍ Experienced IT professional with 9 years of expertise in developing a variety of applications and microservices, client/server, console, web applications using **Microsoft Technologies** like **C# .Net, .Net Core, Web API, MVC, Entity Framework, LINQ** and **SQL Server**.
  - ✍ Extensive familiarity with supplementary technologies such as **Kafka, Redis, MongoDB, Docker, Helm, Kubernetes, AWS, Terraform, TeamCity**, and **Octopus**.
  - ✍ Past experience on client-side technologies **Angular (till v6), VueJs, Html, Bootstrap, Typescript**.
  - ✍ Working experience on creating Data pipelines using **Scala, Spark, Apache Hudi, Apache Airflow, EMR cluster, AWS Glue Jobs**.
  - ✍ Good understanding of OOPs (**Object Oriented Programming**) concepts, **Design Principles, and Design Patterns** for writing quality code and good at **Data Structures And Algorithms** with good **Analytical** and **Problem Solving** skills.
  - ✍ Enthusiastic learner with a proactive approach to adopting new technologies and incorporating them into projects. Highly motivated with the ability to work effectively in teams and as an individual.
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## » Career Details

### ✍ **Cardlytics, Inc (4 + years)**

Currently working for **Cardlytics, Inc. United States** as **Senior Software Engineer** from Jan 2023 to till date.

Worked for **Cardlytics, India** as **Senior Software Engineer** from April 2019 to Jan 2023.

- ✍ In the past, worked for **GGK Technologies**, (now acquired by ACS & Innova Solutions) Hyderabad from June 2014 to April 2019 (~5 years).
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## » Education

- ✍ **Bachelor of Technology in Computer Science Engineering (2010-2014)** from Gokaraju Rangaraju Institute of Engineering and Technology (**GRIET**) affiliated with JNTU-H.
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## » Skills

**Primary Skills** - C#.Net, Web APIs, .Net Core, Microservices, Docker, Kubernetes, Kafka

**Client-side** - VueJs, Angular, Javascript, TypeScript, Javascript, Html, CSS, Bootstrap

**Databases** - SQL Server, MongoDB, Redis, ElasticSearch.

**Data Engineering:** Scala, Spark, Datalake using Apache Hudi, Apache Airflow, EMR cluster, AWS Glue Jobs.

**Others** - RancherUI for Kubernetes management, Web sockets using SignalR and GraphQL subscriptions, GraphQL using HotChocolate, TeamCity & Octopus for CI-CD, DataDog & Sumologic for logs & alerting, Git & TFS as version controls.

**Cloud Tech:** Working experience on a few core AWS services like Lambda, S3, EC2, EKS, SNS, RDS, Glacier, IAM, load-balancers, Elastic Beanstalk, ElastiCache, ECS, EKS, CloudWatch, Elastic Block Storage, Elastic File Storage, Terraforms, etc...

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## » Work Experiences

### Cardlytics | Senior Software Engineer | April 2019 - Present

#### Tech Stack Used:

**Full Stack Development:** .Net Core, C#, .NET Web APIs, Worker Services, Kafka, MongoDB, SQL Server, Redis, Ping, Vue, HotChocolate GraphQL.

**Dev Ops:** Docker, Kubernetes, Helm, Terraform, AWS, TeamCity, Octopus, Sumo Logic, Datadog.

**Data Engineering:** Scala, Spark, Datalake using Apache Hudi, Apache Airflow, EMR cluster, Glue Jobs.

#### Responsibilities :

- Writing business logic, unit tests, and internal peer code reviews.
- Involved in the design and development of new requirements.
- Understanding the business requirements and creation of technical stories.
- Identification of gaps in the requirement and acting on them.
- Active member of the design team to build initial project setup for the upcoming modules and provide the POCs/initial skeleton along with happy path scenario implementations.

#### Core Data Platform:

- Core Data platform is collection of datapipelines and processes to import, cleanup, process data coming from Banks and Advertisers.
- Working experience on Scala, Spark, Apache Hudi, Apache Airflow, EMR cluster, AWS Glue Jobs.

#### Measurement (Partner Services):

- Partner services are the services for the system to create and manage cookies and tags to be installed on Advertisers' and banks' sites to track conversions and facilitate audience generation and reporting.
- It also supports and manages third-party tags from other ad ecosystem organizations
- This system is purely microservices-oriented event-driven architecture and is deployed on AWS Cloud and Kubernetes Clusters.

#### Purchase Graph

- Purchase Graph is a knowledge graph of Categories, Merchants, and Store Locations (and their Geography) where money can be spent. Allows custom groupings/tagging of the transaction data.
- Merchant Location Cleaning is an effort to clean transactions down to the store location level, and dramatically improve the efficiency and accuracy of cleaning by relying on the acquiring ID passed to us with the transaction data by major Banks.

- The process of merchant cleaning involves matching payment transaction data to the correct advertiser. On a daily basis, Cardlytics receives millions of real world transactions from financial institutions (FIs). By using these strings, the Merchant Cleaning team (MCT) identifies where those transactions originated from.

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## Ggk Technologies | Senior Software Engineer | June 2014 - April 2019

### » Project: IQSmarts (IntelliQuick delivery, A logistic company)

Type : Web App Development and background jobs with Windows services.  
Technologies : C#.Net, Web API, Windows services, Angular 2+, SQL Server.

#### Description:

- IQSmarts system allows customers to place orders through different integration modes, which include ordering through a Web site as an individual single order or bulk orders as file uploads, API, or an FTP mode via a JSON, XML, and CSV contract.
- It works on cron-based schedules to fetch the order information from the vendor's API or FTP locations
- I have developed user management and alerts & notification management for the system.

#### Responsibilities:

- Writing business logic, unit test methods, and handling internal code reviews.
- Involved in the design and development of new requirements.
- Handling communication with clients and providing round-the-clock support.

### » Experience on Healthcare Products: CRUX & HCSC

#### HCSC: Health care Services Corporation

HCSC is a health insurance company in the United States, and is the licensee of Blue Cross Blue Shield (BCBS) Association of 5 states (IL, NM, TX, MT, OK). It offers various health and life insurance products.

**Crux** is also a HealthCare suite, which we developed in-house from scratch. This product offers real-time integration of various enrollment channels and facilitates cost-effective execution of health plan operations. There are several modules developed in CRUX, below are a few of them.

- Enrollment
- Member Services
- Billing

I worked on a few modules like Enrollment processor, Rules Engine, Member Services, and Financial Transactions of billing.

- The Enrollment processor handles the saving of application data in DBS related to Enrollment and Membership modules.
- Rules Engine is a service where the application is validated with configurable rules, for further processing. These can be categorized, and customized and can be turned off with configurations from UI.

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Date : 09-09-2023  
Bongani)

(Mahesh

**Place** : Atlanta, Georgia