

# Divyansh Chauhan

## Senior Software Engineer at Airtel Digital Labs

Engineer, Problem Solver, Programmer with experience in Fintech & Health care industry.

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Gurugram, India

## WORK EXPERIENCE

### Senior Software Engineer

#### Airtel Africa Digital Labs

07/2022 - Present

Gurugram, India

Airtel Money and Payments Bank in African Region

##### Achievements/Tasks

- Involved in designing and developing highly available and reliable solutions for new features for Bill Payments, Loans and other mobile money services.
- Building and maintaining microservices for mobile financial services with Java Springboot and Microservices architecture using tools such Redis, Kafka.
- Working with integration teams for new partner onboarding on the platform and developing solutions for them.

### Senior Software Engineer

#### UnitedHealth Group

03/2022 - 07/2022

Gurugram, India

Optum Global Solutions India Pvt Ltd

##### Achievements/Tasks

- Worked alongside product managers to architect a multi-step manual process into a single page web-app built with Java Spring boot & Angular resulting in time and money savings.
- Migrated the application to Docker based containers on Kubernetes Cloud, created Continuous Integration/Continuous Deployment Pipelines using Jenkins.

### Software Engineer

#### UnitedHealth Group

07/2019 - 03/2022

Hyderabad, India

Optum Global Solutions India Pvt Ltd

##### Achievements/Tasks

- Designed an Automation Test Framework based on REST Assured framework which validated the output of a rule engine-based web-app.
- Designed and Developed UI for a single page web-app with Angular Framework.

## PROJECTS

#### NFS Zambia

- Developed a microservice which uses JPOS library to implement **ISO8583 Financial Messaging System using Sockets** with **National Financial Switch** in Zambia. *Technologies used : Java, Springboot, Redis, Kafka, PostgreSQL*

#### Airtel Payment Controller

- A web service which manages all the payments going through airtel money system, It uses **State Design patterns** for managing and tracking transactions. *Technologies used : Java, Springboot, Redis, Kafka, PostgreSQL*

#### Airtel Biller Platform

- A web portal designed for **onboarding** biller partners on Airtel Platform and configure the payment APIs. *Technologies used : Springboot, Apache Freemarker, MongoDB*

#### DARE (Decision Automation Rules Engine)

- A Single page web application, automating the decision making process for the client to help them serve the people in the compliance time frame resulted in annual business savings of \$ 1.5M. *Technologies used in the project: Java, Springboot, Angular 9.*

#### Case Assignment Tool (CAT)

- A web application which dynamically assigns clinical case to clinical care advocates based on their availability, customer region, benefits, products results. *Technologies used in the project: Java, Springboot, Angular 9*

#### Case Management Referral Automation

- A Java based utility which helps smoothen the case assignment and case note creation for clinical staff, This utility automates the creation of case notes and dynamically assigns the work to appropriate teams based on member case information. *Technologies used in the project: Java, Springboot.*

#### Portfolio Website

- A single page web application showcasing my skills, experience and interests. *Technologies Used : Angular 9*

## SKILLS

Java

Spring boot

Object Oriented Design

Spring

Data Structures

Git

Jenkins

Apache Freemarker

Docker

Kubernetes

MongoDb

MongoDb

PostgreSQL

Redis

Kafka

## EDUCATION

### B.Tech, Computer Science - 76%

#### Mahrishi Dayanand University

05/2015 - 06/2019

Gurugram, India

### XII, CBSE - 90%

#### St. Michael's School

2013 - 2015

Gurugram, India

## LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Making Music

Cricket

Cosmology

Travelling

Film Making

Photography

Poetry