

# Pujitha P

[ Research & Development Engineer ]



## Key Highlights:

- Proficiency in handling standalone Java applications and Rest API applications using Spring Boot.
- Proficiency in performing load tests using Jmeter
- Developed Parquet logs application tool using Multithreading
- Developed discount configuration for the marketing team using Spring Boot, Micro Services, Maven, Rest API
- Developed workflow analysis tool using Multithreading and Lambda functions
- Developed a Java library for Artemis and Hornetq to integrate in internal applications
- Proficiency in handling Messaging Queues like Hornetq, Artemis & Kafka.
- Developed an end-to-end standalone Maven Java application to consume data from Kafka and produce it to AWS S3 & Opensearch / Elasticsearch
- Developed Express Delivery Feature for MedLife in CustomerApp Project using React JS, Spring Boot
- Developed automatic customer invoice mail triggers in AdminWebApp, Customer App projects using JSP, Javascript,JSPDF Library, Spring.

## Proof of Concept's Handled :

- AWS Secret manager and Parameter store.
- Azure Storage accounts – Blobs, Queues, File Shares & Tables
- AWS EC2 Instances, Load Balancers, Target Groups, Auto Scaling Groups.
- Azure Synapse analytics and AWS Athena
- SQS, Amazon MQ - AWS
- Prometheus and Grafana
- Keycloak
- Messaging queues – Artemis, AmazonMq, kafka
- LZ4 Compression algorithm
- Azure events for Event Grid on Storage queues.
- Keycloak spring security
- Role based Java code for S3 and Dynamo DB in AWS

## Educational Qualification:

### Bachelor of Technology - CSE, 80%

GVP college of Engineering for Women, Visakhapatnam, 2017

### 10+2 – MPC, 95%

Sri Gayatri Junior College, Guntur, 2013.

### S.S.C, 92%

Vignan High School, Guntur, 2011.

## Work Experience :

### Research & Development Engineer - Cisco

Jul 2019 – Present

### Full Stack Developer – PharmEasy ( Formerly Medlife )

Jul 2017 – Jul 2019

## Technical Proficiency:

Java	●●●●●
Servlets	●●●●●
JSP	●●●●●
Spring	●●●●●
Spring boot	●●●●●
Microservices	●●●●●
REST API's	●●●●●
Maven, Log4j2	●●●●●
Artemis	●●●●●
Hornetq	●●●●●
Kafka	●●●●●
MongoDB	●●●●●
Mysql	●●●●●
Elasticsearch	●●●●●
Prometheus	●●●●●
Grafana	●●●●●
AWS	●●●●●
Keycloak	●●●●●

## Personal Information:

Name: Pujitha Pabbaraju  
Birth date: 5 December 1996  
Place: Hyderabad  
Github: <https://github.com/p-pujitha>  
LinkedIn: <https://www.linkedin.com/in/pujitha-p-a68601110/>

## PROJECTS HANDLED

*ActiveMq  
Artemis, Java,  
Maven, Mysql,  
Hornetq, Log4j2,  
EC2, Autoscaling*

### Migration from HornetQ to Apache Activemq Artemis

This project is regarding the replacement of HornetQ with Activemq Artemis.

- Worked on installation of Artemis in servers and configuration settings in broker.xml file.
- Created Java application which handles creating a queue, produce and consume messages from queues, priority queues, filtering a queue etc. dynamically and created a connector pool to provide cluster capabilities.
- Worked on master slave model to replicate the data in multiple zone availability.

### Parquet Logs Application For Aws, Azure and OpenSearch

- Designed a dynamic Java application which consume messages from queues to partition the data based on the date & client id
- Conversion of given data into the parquet format to upload in AWS S3 bucket and Azure Blob Storage account. Querying the parquet data using Athena in Aws and Synapse analytics in Azure
- Consuming data from Kafka and produce it to OpenSearch / Elastic search

*Java, Kafka, Maven,  
AvroParquet, Synapse  
Analytics, Athena,  
S3, Azure  
Storage blob & Queues,  
Eventgrid , Log4j2,  
Multithreading*

*Java, Aws  
Lambda,  
Maven, S3,  
Log4j2, API  
Gateway, Mysql,  
Multithreading*

### Workflow Analysis Tool

This feature is to manage the workflow in connect through xml and send mails to the respective customers

- Worked on creating the Java application that collect xml files based on date wise and uploading them to S3 bucket
- Created automated Lambda function that triggers if xml files are uploaded in S3 and send mails to respective customers by using a SendGrid.

### Express Delivery in Medlife

This feature is to deliver medicines as quickly as possible to customers

- Worked on backend Java application to provide an API for checking pin code availability, express delivery slots availability, products availability, prescription availability, inventory availability check etc.
- Worked on order microservice and inventory microservices to processing the order.

*Java ,  
Springboot,  
Maven,  
MongoDb,  
Microservices,  
Cloudwatch Logs*

*Java, Spring boot,  
Microservices,  
Mysql, Maven,  
Log4j2*

### Payments Integration

This Project is all about Integration of Payment Wallets like Paytm, MobikWik, LazyPay, Phonepe, Amazon pay in Customer App Project

- Worked for providing access to customers to pay amount online.
- Worked on backend payment microservice to handle the requests from customers through paytm and phonepe wallets.

### Declaration:

I hereby declare that the above-mentioned information is correct as per my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**PUJITHA**  
**8185932774**