Kalyan Puramsetti

# Highlights

* Almost 2yrof IT experience specialized in C,C++ and Linux.
* Worked for Leading UK company that provides software for the household devices like

STB, routers etc.



# Education

Electronics and Communication Engineering(2017-2021).

# Technical Skills

* **Language**: Core Java, J2EE, MySQL, REST API, JSON, AWS(EC2, S3, IoT Core),Python, C, C++, linux, Apache Kafka.
* **UI Technologies**: Html, CSS, JavaScript, Reactjs(Basic)
* **Framework**: Spring boot and Microservices, REST APIs.
* **Databases**: MySQL
* **Tools**: STS IDE, MySql Connector, Postman, MobaXterm, Putty, Jira,

Blackduck, Coverity, Swagger, Apache Kafka, Postman, Jenkins.

Contact Details

Ph no: +916305628286

Email: [puramsettikalyan99@gmail.com](mailto:puramsettikalyan99@gmail.com)

* 4 Months of Internship at cognizant trained in Core java, Spring Boot and Microservices,

AWS (EC2, S3, RDS).

* Developed an E-commerce web application as a mini project.

# Experience

* Worked in RDK-V software platform for STB.
* Mainly worked in the development of remote management service that control STB anywhere through commands.
* Used AWS IotCore Service to send the commands which control STB.
* Used C, C++ languages for the development and used JSON for storing of info.
* For the source code management used Gerrit-code-review.
* Solved security vulnerabilities of our code by usings tools BlackDuck, Coverity.
* Participated in regular meetings, code reviews, and submitted progress on time.
* In internship developed PurchaseManagement Microservices which handles order request and cart details, Use MySQL cloud RDS database for storing of order and cart details.
* For every order or cancellation request stored one kafka message in separate table.
* Deployed using AWS EC2 instance and S3 bucket and made publicly accessible.
* For source code management used Github.

# My Learnings

* + Developed almost five APIs (Login management(LM), Data collection(DC), Reports generation(RD), Eligibility Determination(ED), Database Manager(DM)) of insurance like of application found on online.
  + LM API responsible for user login, signup, Lock and Unlock account, Forget password activities.
  + Maintained one central MySQL database that stored data by using DM API for all APIs.
  + DC API responsible for collecting data of user like education, income, child details etc.
  + Based data collected ED API determined which insurance plan is suitable for user.
  + RD API generated reports(PDF or Excel) based on plan.
  + Swagger and Postman are used for the REST APIs testing.
  + For the source code management used GitHub.
  + Used Jenkins tool to get code from github, to build using maven and to run in tomcat server.

GitHub Url: <https://github.com/kalyan510999/Java-real-mini-projects>(Note: Project names started with IHIS are above API)