Kalyan Puramsetti

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.

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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.

- 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.

Cognizant

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)

Cognizant