

Laxmi Narayana R

Software Engineer

E-Mail: rangalilaxminarayana@gmail.com

Mobile: +91 - 9640404084

Professional Summary:

- Have 5 years of experience in Software Development and Cyber Security.
- Experience in Software development as a Software Engineer in Core Java, J2EE, JPA, Hibernate, Spring Boot, Spring Rest, Spring MVC, Spring Security and other Modules, MYSQL, REST and Soap Services, Html, Trello, GIT and SVN and Android Mobile Application using java and Kotlin. And in Cyber Security as Reverse Engineer and Malware Analyst, Doing Static and Dynamic analysis for the applications
- Experience in developing web applications using Spring Data JPA with RESTful web services and Hibernate.
- Good Knowledge in writing Queries, Stored Procedures and Triggers.
- Strong debugging skills, troubleshooting of issues and improving application performance.
- Well versed with Source Version Control tools like SVN and Git.
- Adept at quickly adapting to new environments, new technologies and facing new challenges.
- Multitask- oriented with strong competitive drive and work ethic to succeed.

Work Experience:

- Working as `Software Engineer` for `Google Play Protect` in `Cognizant Technologies` from Jan- 2020 to till now
- Worked as `Software Engineer` for `Pole To Win International` from June-2019 to Jan-2020
- Worked as `Software Engineer` for `IPowerFour Technologies` from Oct-2016 to May-2019

Responsibilities:

- Developed various Restful web services using Spring with RESTful web services.
- Development of various modules in accordance with the Agile Methodology framework. Collaborating along with the Business Analysis, Design, QA and Development team in shaping the product as per the Customers requirements.
- Managing the database and Build release and Developed unit test cases for Java components and tested them.
- An effective communicator with excellent interpersonal, analytical and client serving abilities.
- Bug Fixing of the application and fine tuning of the complete Application end to end.
- Supporting the applications, debugging analysis, errors and faults correction .
- Reverse Engineering the entire code of the application by decompiling and finding malware or malicious behaviour of the applications.

Academic Profile:

- Bachelor of Technology in **Computer Science** from JNTU Hyderabad in 2016 with 67%.
- +12 from AP Board of Intermediate Education in 2012 with 95%.

Technical Skills:

Domains	: Software Development(web and mobile), Cyber Security(Malware Analysis, Reverse Engineering)
Programming Languages	: Java, Android(java, Kotlin)
Frameworks	: Spring core, Spring REST, Spring MVC, Spring BOOT And Spring Security, Microservices
Tools used	: APK tool, JADx, Cavy(google).
ORM	: JPA, Hibernate
RDBMS	: MySql, SQLite, Room Database
Web Service	: RESTful
Cloud Integration	: AWS Cognito, S3 Bucket
GUI	: HTML, CSS (basics)
Client-side Scripting	: JavaScript
Application Server	: Tomcat
IDE	: Eclipse, Android studio, Visual Studio Code
Source Control	: Subversion (SVN), GIT
Platforms	: Windows, MacOS

Projects Details:

1. Successlynk

SuccessLynk is a portal where educationists and students come together and derive mutual benefits. The students in pursuit of preparing for various competitive and academic exams come to the site to take real tests. SuccessLynk contains two modules Content Management System (CMS) and Content Delivery Portal (CDP).

CMS deals with the Admin module of the Content Management System which contains categories like Featured Tests, Popular Tests, Weekly Contest, Featured Authors and Students Speak. And CDP deals with the SuccessLynk Web Portal where Educationalists can publish online tests and Students can write them.

SuccessLink is a web portal which is developed using ASP.Net and SQL Server, now we migrated SuccessLynk using Java – Spring Architecture, MYSQL as backend, Maven build tool is used for Building war file, Apache Tomcat as a web server. Latest technologies such as HTML5, AngularJS were used to make the interface rich and responsive, Front-end and Back-end are partitioned

2. CIF(Chinmaya International Foundation) Mobile App

Chinmaya International Foundation (CIF), the Academia of Sanskrit Research and Indology, is the research wing of the Chinmaya Mission Worldwide. In this app users can purchase the online courses, webinars and also publications. We used webviews in some areas like payment gateway or taking the online exam etc.

This app has two sections i.e., purchase section and digital vault section. In the purchase section online courses, webinars or publications etc can be purchased. and those online courses and webinars can be viewed from digital vault section

3. Reporter Mobile App

Reporter App, the main objective is to create the news articles and publish them to the publisher to review. It's a one stop destination for the news reporters where they can post and publish the news articles with images, videos and voice recordings.

This app has multiple sections i.e., Pending, Publish, Rework, and Reject section. The pending section is like, publisher is reviewing the article and publish is like, approved and published by the publisher and rework is like, publisher sends it back to rework to do changes and Reject is like the news article is completely rejected.

4. PTW Voice Recorder

Audio Recording App, the main objective is to record the voice in wav format and submit the best take. Here Tasks will be assigned to users and they should read the text displayed based on the reading direction mentioned and submit it for the review.

While Recording it is built in a way that it alerts the user when background noise comes and low battery usage so that best quality can be captured.

5. Google Play Protect

Reviewing Mobile Applications completely by doing reverse engineering.

- Finding Malware behaviour of applications and other Malicious activity of the applications.
- Finding any Disruptive ads behaviour or malicious behaviour of the app by using system intents or through any background services.