

Ranajit Chandra

11/1 kenz residency

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GitHub: <https://github.com/Ron22c>

Skills

Language: Java | (NODEJS) | JavaScript | python | ObjectiveC

DB: postgresSQL | MongoDB | DynamoDB | Redis

Queue: kafka | SQS | Redis

Infra: AWS (Lambda, DynamoDB, CloudFormation, CloudWatch, Data-Pipelines, S3, EC2, RDS, cloud9, Elastic-Search) | Firebase

Frameworks: ExpressJS | VertX | RXJava | Hibernate | Jersey | React | Selenium WebDriver(java) | Mongoose

MobileApplicationFrameworksAndTools: React-native | android studio | xcode

GamingDevelopmentTools: Unity

Experience

November 2020 - PRESENT

LeadSchool.in, Bangalore – *Software Development Engineer II*

- Integrated Jungroo api with **Learning management system(LMS)** to provide Quizzes and assignments to the students.
- Developed a functionality to restart, pause and skip units on a subject based on school-class-subject-division
- Developed feature to save assessments and unit plans as draft, in content creation service called **DELTA**
- **Sentry** Integration for error tracking
- **Swagger** Integration for api documentation
- Unit tests integration using **jest**, PGmem, supertest
- Log simplification and best practices implementation (used **PINO** library to make things go faster)
- **NewRelic** integration for performance monitoring and getting logs in a proper form.
- Added shell number and shell name information on daily classes response so that dynamic unit, chapter names can be shown specific to board.

December 2019 -November 2020

Pokkt.com, Bangalore – *Software Engineer*

- PokktSDK IOS_v_1.8 OM Certification - Implemented Open Measurement SDK (IAB Tech Lab) in the PokktSDK(IOS) for ad tracking and SDK got certified from them.
- Added SKAdNetwork support in IOS SDK to track users and send personalized ads.
- Implemented Native Ad Support in pokkt IOS sdk - Pulling native ads from the pokkt server based on the request from the application and providing appropriate fields to each ui element and rendering them properly.

- Designed and Written adapter for AdMob and MoPub in Pokkt SDK.
 - Implemented all of the interfaces provided by the AdMob and MoPub to provide ads while the developer uses both Pokkt SDK and AdMob / MoPub SDK.
 - Created a sample app for helping developers to use our SDK and adapter properly.
- API changes in Pokkt SDK
 - Pokkt server provides a single api to fetch all types of ads (VIdео, interstitial, Banner) . Added support in Pokkt SDK to fetch the required ad type and provide the same type of ad into the application.
- Implementation of Google AdMob and mediation for monetization
 - Integrated Google AdMob inside out application and added mediation for Pokkt, FaceBook, IronSource, AppLovin, AdColony etc networks
- SkAdNetwork Implementation
 - Implemented SkAdNetwork in your SDK, in Absence of IDFA now we can track CPI offers using this feature.
- Implemented AdMob Sdk in unity games for monetization
 - Added PokktSdk mediated through Google AdMob in unity games (Android/IOS)
- Designed and written a hybrid framework on the top of Appium.
 - This framework supports for both the IOS and Android
 - Used MITMProxy-java to test the outgoing network calls from the application.
 - Added a wrapper class over most of the ADB functionalities supported.
 - Used MIMEMessage to send reports to the stakeholders.
 - Used ApachePOI XSSF to read and write on excel file (Read Data)
 - Used log4j for logging.
 - For the reporting format used Extent Report.
 - Used Tesseract ML model to check the Toast messages to detect errors.

June 2017 - December 2019

Amazon Development Center India, Bangalore – *Software Support Engineer*

- Phrase Manager: a restful service with serverless design based on elasticsearch and java
- Qbik: a project based on superset, java and RDS.
- RMS: a restful service based on dynamodb, Java and elasticsearch..
- Productivity tool using java and JDBC.
- RMS Risk backfill script using python.
- RMS Risk extraction script using Python.
- Alexa Skill enablement and disablement operation automation using selenium Web driver.
- Test UAT automation using selenium webdriver.
- Policy activity automation using selenium webdriver.
- Alexa skill assignment operation automation using selenium Web driver.

Education

August 2012 - July 2016

Pailan college of management and technology, Kolkata – *B.Tech (Electrical and Electronics Engineering)*

[DGPA: 7.19]

June 2012

Howrah Vivekananda Institution, Howrah - Higher Secondary Examination (Science)
[Grade : B+ (67%)]

May 2010

Howrah Vivekananda Institution, Howrah - Secondary Examination (Science)
[marks : 75%]

App Live in AppStore/AppleStore

- Image and text recognizer application in swift
 - APP STORE LINK: <https://apps.apple.com/us/app/id1523147796>
- Created a game Jungle_Run in Unity:
 - Amazon Store Link: https://www.amazon.com/dp/B08HWXWTVJ/ref=apps_sf_sta

Personal Projects

- Created a Rule Engine based on Java:
 - GITHUB LINK: https://github.com/Ron22c/business_rule_engine
- Image and text recognizer application in swift
 - Used Firebase ML model and vision to detect text from a given image.
 - Used COREML and google's InceptionV3 Model to detect images.
 - GITHUB LINK: <https://github.com/Ron22c/ImageAndTextRecognizer>
- Chat application Using Firebase.
 - GITHUB LINK: <https://github.com/Ron22c/cranchat-Swift-Firebase>
- Test Framework based on POM
 - GITHUB LINK: <https://github.com/Ron22c/AutomationFramework>