SHAMSHER AHMED

B.E, COMPUTER SCIENCE & ENGINEERING, UIET CHANDIGARH, CLASS OF 2015

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PROFESSIONAL EXPERIENCE

nFACTORIAL ANALYTICAL SCIENCES ,BANGALORE, INDIA   **MAY'17-PRESENT**

*Key contributor to **nFactorial** from designing database schema to developing backend to mobile application (Android & IOS).*

SOFTWARE DEVELOPER

n!Gage

- Implemented automated mail systems for sending email notifications to users
- Created reportLink api which fetches n!Gage dashboard link using Asymmetric Encryptions which is embedded into employee dashboard.
- Developed backend API's for Action Plan module which allows manager to take corrective measures to enhance team performance and mood over time.
- Created API for fetching dashboard summary data over time which enables the user to quickly view score of team & departments.
- Created API for roles creation within organization which allow for an easier switch of the designated role and faster assimilation into the workflow.
- Created API for creating Equivalent Views which enables the user to view dashboard of another user.
- Designed and developed automated functions for sending the PUSH NOTIFICATION with firebase for iOS, Android, Electron Application.
- Developed rule based chatbot using Google **dialog-flow.**
- Developed a fully automated continuous integration system using Git, Jenkins, MySQL.

n!Courage

- Created backend API for fetching the activities within organization.
- Developed **RECOGNITION** module which helps employee to give recognition or request recognition from another employee within their network.
- Developed **FEEDBACK** module which helps employee to give feedbacks to another employee.
- Created API for managing and distributing points according to filters used in organization.
- Created API which fetches points redeemed, points distributed over department within organization.
- Created **CUSTOMER SUPPORT API** which enables the user to send feedback as email and it automatically logs as support request.
- Developed **MANAGE BUDGET** module which will automatically distribute the points among managers which will be used for peer to peer recognition.
- Developed **REDEEM POINTS** module which enables user to redeem points to buy coupons from XOXO day.

n!Gage(Mobile Application)

- Created inbox module which receives all feedback questions to date if not answered.
- Developed n!Gage mobile application for retail customers which collects feedback from customer once the payment is confirmed.
- Implemented MQTT in android mobile application for push notifications.
- Developed Broadcast Module which enables user to quickly view important activities happening in organization.
- Developed Question View for android & IOS application which let user to send feedback with emotions or yes-no or agreement scale.

SOFTWARE DEVELOPER

WEBNOO TECHNOLOGIES, DELHI, INDIA   **MAY 2016 - APRIL 2017**

Worked closely with Business Developer to develop android application from end to end.

traceOn

- Developed and designed backend apis for location tracking application.
- Developed Android Application for trace on which captures user location after fixed interval.
- Implemented safety module which enables user when they go outside particular radius.
- Customized Google Maps which shows the approximate path taken by user for a day.

- Defining project deadlines and milestone for each application.
- Design automated build environment for Android release.
- Created Rest Api to interact with woo commerce for creating SAAS based application.
- Used JAX-RS plus jersey implementation for restful webservices.
- The basic framework is designed based on the MVC architecture for all core functionality.
- Used Hibernate Query Language HQL to query the database for complex data.

SOFTWARE DEVELOPER
CODEBREW LABS, CHANDIGARH

- Worked under the direction of senior programmers and analysed technical or design specifications for HYBER and java programs assigned.
- Assisted in identifying and fixing program bugs as well as adding new features or made enhancements in mobile applications and related programs as per user requirements or design specifications
- Developed Android Application T.I.M which can be used to inspire user by quotes, images, videos.

SKILLS

Programming	• Java, Python, JavaScript
Technologies / Frameworks	• Hibernate, Android, Spring MVC, Spring Boot, Maven, MySQL, Servlets, Spring framework, JPA, Spring, Spring-Data, MQTT.
Softwares	• Android, IntelliJ, Android Studio, Git, CI, Jenkins, iOS, Cocoa, Thymeleaf, Shell Scripting, Mosquito, dialog-flow

AWARDS & RECOGNITIONS

- ICPC ASIA REGIONAL FINALS PARTICIPANT, ACM, 2013
- CODEKRITI, Topped the Technical Committee event for held for UIET students.