

WORK EXPERIENCE

4.25+ Yrs Since Jan '19

Projects

1. Health Insurance Cost Calculator (Android)

Team Size: 2 Members

Project Description: The HICC app allows an individual (single or with a family) that is interested in verifying if he/she is eligible to get a subsidized health insurance plan based on his/her income, age group and geographical location (zip code), the size of the family and whether or not his/her employer offers health insurance via the individual employment, and if eligible, returns the cost of buying an insurance through Obamacare (also known as 'Annual Premium') along with Penalty the individual will end up paying to the U.S Government if the individual does not carry Health Insurance at all (either through Obamacare or through private Health Insurance companies).The HICC app also has 3 flavors or versions. The version of software in the production environment is the first version which supports limited functionality. The version in QA environments adds some additional features and includes some changes and bug fixes. The version in Dev/Integration environment further modifies or enhances the functionality.

Role/Responsibilities: Requirements Gathering, UI Design, Coding and Testing

Technology Used: Android, Android Studios, Java

2. Health Insurance Cost Calculator (iOS)

Team Size: 2 Members

Project Description: Same as Health Insurance Cost Calculator (Android)

Role/Responsibilities: Requirements Gathering, UI Design, Coding and Testing

Technology Used: Xcode, Swift

3. Worksoft Mobile Test App

Team Size: 1 Member

Project Description: This iOS & Android app is designed to enhance productivity and simplify user tasks. Involves upgrading from older Swift version/s. This Swift-based app incorporates a range of essential features, including basic controls, pickers, a list and a button for image manipulation. With its intuitive interface and powerful functionality, users' testing experience & daily workflow stands substantially optimized and made highly efficient & effective.

Role/Responsibilities: Requirements Gathering, UI Design, Coding and Testing

Technology Used: Xcode - 14.2, Swift

4. Heart Rate Variability (HRV)

Team Size: 1 Members

Project Description: **Heart Rate Variability (HRV)** Is the physiological phenomenon of variation in the time interval between heartbeats. It is measured by the variation in the beat-to-beat interval, "cycle length variability", "RR variability" (where R is a point corresponding to the peak of the QRS complex of the ECG wave;and RR is the interval between successive Rs), and "heart period variability".

Role/Responsibilities: Requirements Gathering, UI Design, Coding, database designing, write queries and Testing

Technology Used: Python, Django, RestFul API, JavaScript, SQL Server

5. Wetos

Team Size: 5 Members

Project Description: It is a web based software serving the payroll function of an organization's accounting department. Project involves reverse engineering of a legacy product and is work in progress. It employs the latest software technology to provide an efficient & delightful online & responsive user experience. An Employee self service portal, it takes care of attendance & leave aspects of each employee. It provides features like a) Dashboard - employee level, b) leave application, c) multi-level approval, d) over time, e) compensatory off f) late entry accounting g) rostering h) alerts i) email reminders, j) Reports and statistics etc.

Role/Responsibilities: Lead Architect, Requirements Gathering, Coding, database design, write queries, Test

Technology Used: Python, Flask Framework, RestFul API, SQL Server, Angular

6. Housing Society

Team Size: 1 Member

Project Description: Housing Society application is based on the Residential Housing Society Management system regulated by the relevant department of district / state administration. It allows multiple Admin e.g., Society Admin, Building Admin, Flat Admin. Society Admin delegates to Building Admin delegates to Building Admin delegates to Flat Admin (or Apartment / Flat Owners), Flat Owners add flat residents (family member or lessee). House helps can too be added in. The application provides for Notice Board and facilitates functioning of the security team.

Role/Responsibilities: Requirements Gathering, UI Design, Coding, database designing, write queries and Testing

Technology Used: Flutter, Dart, Firebase

7. Milk-Man

Team Size: 1 Member

Project Description: Milkman Application is based on the Milk & milk product retailing & supply System. The Admin is privileged to add customers subscribing for daily milk needs, enlist / delist suppliers for purchase, manage products information together with sale and purchase rates. It is equipped with various functions for efficient & automated management of billing, ordering, payment & receipting. It produces various reports necessary for calibrating / controlling spikes of certain kinds and attention measures to scale up business.

Role/Responsibilities: Requirements Gathering, UI Design, Coding, database designing, write queries and Testing

Technology Used: Flutter, Dart, Firebase

8. Nearby Jobs

Team Size: 1 Member

Project Description: Nearby Jobs facilitates people in searching & applying jobs close to their homes. All Jobs are categorized by Job profile. The app can have google map job search. People have option to use the service via a facebook account. The chatbox feature brings people and HR

departments of organizations closer in order to close open positions swiftly. The application is based on Flutter with Firebase serving as the database.

Role/Responsibilities: Requirements Gathering, UI Design, Coding, database designing, write queries and Testing

Technology Used: Flutter, Dart, Firebase

Education

- **BE Electronics & Telecom Engineering** from KCE Society's COEIT, Jalgaon

IT Skills

- **Android, Android Studios, Java**
- Python (Django, Flask), Python 3.x, Python 2.x, RestFul API using Django
- Experience in Scripting technology Like JavaScript, AJAX, CSS
- Swift, Xcode
- Experience in Flutter (Dart) And Firebase Database, C-Programming
- Experience in Microsoft SQL Server 2018
- Developed solutions for diverse programming scenarios in Python, Django, employing object oriented programming concepts such as encapsulation, inheritance, polymorphism and abstraction
- Design Patterns in MVC
- Experience with the Django Security Model implementing authentication and authorization bases on the Role Based Security Model

===== X =====