

SACHIN PRADHAN

Android Developer

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WORK EXPERIENCE

Software Engineer at Karabi Softwares Pvt. Ltd., Bengaluru

September 2018 – March 2020

- **Create and maintain multiple Applications**
Worked on multiple projects from scratch and helped design the base architecture. Refactored code and reduced code redundancy by designing reusable modules.
- **Dynamic form creation**
Developed an algorithm to generate a form dynamically based on the form created by user.
- **Reduced manual effort of the team**
Took initiative to develop an algorithm to get values from a survey form and generate JSON as well as set a JSON to a form.
- **Geo-fencing**
Worked closely with location and google map to get multiple location point and join them to view that fenced area.
- **Others**
Worked with RESTAPI service, Android Built-in components like location, camera, Bluetooth etc., integrated third party APIs, Implemented complex layouts to support different screen size phones and tablets and tested to assure quality and performance.

PROJECTS

Accounting and Inventory Management (September, 2018 - Present)

This project is all about creating and maintain accounting related activities and Manage inventory in a single application platform.

Role & responsibility:

- Involved in data structure & algorithm development for various activities and calculations.

Lawyer's App (November, 2018 – February, 2019)

A paperless Case Management for the Lawyers to track complete lifecycle of Cases, Clients, Judgements including Document Management, Legal Searches, Account Management.

Role & responsibility:

- My development includes various activity creation and corresponding business logic in backend.
- Improve qualities by making generic code that can reuse at various point.

Survey Application (July, 2019 – September, 2019)

Saral Survey helps business that constrained by remote survey process as it faces challenges in communication, integration, monitoring and analysis off distributed field survey data in the real time.

Role & responsibility:

- My development includes various dynamic survey form to collect data and send it to server.
- Worked in location Geo-fencing of surveyed area.

Hospital Management App (July, 2019 – September, 2019)

Hospital management is connecting and manage all the Department of the Hospitals/Clinics which includes Various Processes like Out Patient activities, In Patient activities, Patient Registration, Tracking, Lab Test, Pharma Care, Billing, OT, Accounting etc.

Role & responsibility:

- Multiple UI screens for multiple User logins includes different activity to make user friendly application.

SKILLS & TOOLS

Languages: Java, Kotlin, C, C++, JavaScript

Android skills: Android, Retrofit, MVVM, Android Jetpack, API integrations, Material design components,

Web skills: HTML, CSS, J2EE, AJAX, Rest API

Database: MySQL, Mongo DB, SQLite

Software dev. skills: Object Oriented Programming, Code review, Code refactoring, Git, SVN, Agile Methodology

Technologies: Android, Web

Tools: Android studio, Eclipse, GIT, Android SDK, Mantis BT

ACADEMIC QUALIFICATION

National Institute of Science and Technology,
Berhampur

B.Tech, (CSE), 2018 – 7.11/10

Aaryan Gurukul Residential College,

Berhampur

CHSE (12th), 2014 - 61.33%

Swamy Vivekananda Vidyamandir, Berhampur

BSE (10th), 2012 - 77%

CERTIFICATIONS

Core Java, 2014

Introduction, Object, Class, OOPs, Package, Interface, Abstraction, Threading, Collections, String Handling, File and Exception handling.

Android, 2016

Fundamentals and set-ups, Control and component. Transition, Android services, Intent-filter, Database & Web Services.

ONLINE PROFILES

<https://github.com/i-Sachin464>

PERSONAL INFO

DOB: 11th May, 1997

Hobbies: Problem solving, Pencil Sketching

Languages: English, Hindi, Odia