AYAN CHOWDHURY

Software Engineer

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EXPERIENCE

Software Engineer

Kreeti Technologies

📅 September 2019 — Present   📍 Kolkata

Gogal
A women helper multi-functional social media & messaging application

- Lead the android app development in MVVM architecture in kotlin and emphasis on UX/Performance.
- Developed User Authentication from scratch with custom OTP Auth
- Built Notification System which delivers advance multi-functional notifications across devices which increased user access and orientation by 50 %.

Digimep
The Digital Cloud-Based Process Workflow Service for Site Surveys

- Developed Api using Elixir/Phoenix which makes survey report access automatic and removes manual efforts.
- Make the existing app more scalable by reducing the page loading time from 12 seconds to 1.5 seconds
- Built 3rd party Builtspace API integration with Digimep which Removes Manual effort of survey taking for the company and makes it automatic with help of app.
- Built a Content Management System for Role Based Authentication for multiple types of users under one app where admins/normal user can view content as per their access and it helped user experience increase by 70%.
- Increase Test coverage from 26.33% to 55.56% (still working on it).

TruckersApp
- A Truckers' helper application for finding them optimal delivery routes- Implemented Modified version of Travelling salesman problem to find out optimal routes for delivery within 2 seconds.

App Developer Intern

ImageIDGP-ITRA,MediaLab Asia

📅 September 2018 – June 2019   📍 Kalyani

- Developed application to facilitate national database of pig and animal parasites to show up in a systematic manner which improved user reach upto 70% (10000+ downloads)
- Published 2 Apps on the Google Play during my Internship Period.

ACHIEVEMENTS

- Core Member at KeyGenCoders -the official Programming Club of KGEC
- During Internship Published App on Playstore which has a over 10000 downloads and 4.7 Ratings [App published under ICAR-NRC on Pig] *https://play.google.com/store/apps/details?id=com.icar.actech.swineapp&hl=en*

LINKS

SKILLS

Programming
Python • C/C++ • Java-Basics • Elixir

Backend-Frameworks
Elixir-Phoenix • Spring(Basics)

Frontend-Frameworks
React-Basics

Mobile Development
Android • Kotlin • MVVM

Tools
Github • Postgresql • Docker • Firebase

PROJECTS

Chirp
- A Twitter like realtime social media post sharing app with like comment post options using liveview. **https://github.com/GhAc-2017/Chirp**

FrienChat
- Used Android,Java, Firebase to Build a Fully featured chat app which features like sharing any document format, chats, Notification, Group Messaging, Channel messaging. **https://github.com/GhAc-2017/Frienchat**

Cab Booker Api
- Developed backend api for a Cab Booking Application using Java Spring Boot. **https://github.com/GhAc-2017/Uber**

EDUCATION / COURSES

B.Tech in Information Technology

Kalyani Government Engineering College

📅 July 15–June 19   📍 Kalyani

DGPA: 8.74

- Data Structure and Algorithms
- OOPS
- DBMS
- C++