

# Sonu Sourav

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Bangalore, India

sonusourav



## EXPERIENCE

### Software Development Engineer (Android)

#### Zomato

October 2021 – Ongoing

Gurgaon, India

- Building **Fitso** to elevate the sports playing experience in India by providing premium sessions and certified coaches for guidance.
- Revamped the whole codebase (~1200 files) - Fixed lints, moved to 100% Kotlin, and improved startup times, thereby reducing the app size by **18%**

Firebase

MVVM

Coroutines

RxKotlin

Charles

Fitness

### Android Developer Intern

#### Money View

May 2021 – September 2021

Bangalore, India

- Worked on **Money View Loans** app which provides instant paperless loans within a day, being used by **20 M+** people in India.
- Implemented **CKYC** on OKYC failure for KYC verification of users, thereby, prevented the decrease in business by **40%**
- Built Backend configurable app for e-KYC, enabling customized submission of docs based on NBFC partner assigned to the user.

MVI

Jetpack Compose

Dagger

RxJava

NBFC

Fintech

### Android Developer Intern

#### Polygon (Previously Matic Network)

June 2020 – December 2020

Bangalore, India

- Improved the **transaction workflow** of the Matic Wallet app, which bridges the gap between scalability issues and user experience on Ethereum by reducing the overhead time by approximately **40%** using **MQTT protocol**.
- It adds another layer of abstraction on top of Ethereum network using an adapted version of **Plasma with PoS** based side chains to scale upto **65k transactions/second** on a single Matic chain
- Developed **Zippy** from scratch, a cross-platform payment app using **Flutter** that helps users to send and receive money from anywhere across the world, pay merchants and earn rewards on transactions with just few taps.

Kotlin

RxKotlin

Flutter

Dart

Payment

Blockchain

## EDUCATION

### Indian Institute of Technology Dharwad

#### Bachelor of Technology (Electrical Engineering)

Aug 2017 – April 2021

Dharwad, Karnataka

## SKILLS

Java

Kotlin

Flutter

Dart

Go

Firebase

MySQL

Android Studio

XCode

Charles

MongoDB

Visual Studio

Linear

GCP

Git

Matlab

Postman

## PROJECTS

### Money View Loans Manager: Sachin Kumar

- Added payment options in Line of Credit (LoC) feature in Loans app to improve payment solutions.
- Made required updates in the codebase to target Android 11

### Zippy

Manager: Vidyaa krishna

- Developed a **payment app** from scratch using **Flutter framework** which helps users to do seamless transactions across the globe.
- Users can easily convert their money into digital currency for instantaneous transfers

### Kiwix-Android Mentor: Seán Mac Gillicuddy

- Converted around **60%** of Kiwix-android project to **Kotlin** and reduced the code size by around **20%**
- Improved the UI/UX of various features of the app including tabs and navigation.

### Cache Modelling Advisor: Prof. Rajshekar K.

- Emulated the **ToyRISC processor**, researching strategies to increase the hit rate of cache, by enhancing hardware prefetcher.

## ACHIEVEMENTS



### Gold Medal in Inter-IIT Tech Meet 8.0

Won Gold Medal in Schlumberger Coding Hackathon held at Inter-IIT Tech Meet 8.0 organized by IIT Roorkee



### Panasonic Ratti Chattr Scholar

One of the **30 scholars** in India; Received cash scholarship of **\$2400**



### Fourth Position at Jio Developer Hackathon

Secured fourth position at Jio Developer Hackathon: Solve for Billion held at Inter-IIT Tech Meet 7.0 at IIT Bombay



### Aakash-YTSE Scholar

**AIR-3**; Received scholarship of **\$1000** with one year of free tuition

## OTHERS



### GitHub Campus Expert

GitHub Education



### Ex-General Secretary Technical Affairs

IIT Dharwad



### Ex-DSC Lead

Google Developers



### Ex- Head of Public Relations

CDC, IIT Dharwad