

# SRIDIP DUTTA

## Software Developer

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## EXPERIENCE

### Software Engineering

#### Economize cloud

📅 July 2022 – Present

- Working with BigQueries for Cost Reports (BigQuery, GKE)

### Software Engineering Intern

#### Economize cloud

📅 May 2021 – June 2022

- Worked on building organizational structure for the application also worked on various GCP services for **cost monitoring and optimization**
- Reduced instance list loading time from **68 secs** to **30 secs**
- **Technologies used:** Vue, Golang, GCP, Redis, Timescaledb, Postgresql

### SDE Intern

#### FoodMoyo

📅 Aug 2020 – Jan 2021

- Implemented Cart, Checkout, Payment, Order and Notification services.
- Used **stripe** for **payment integration** and FCM for notifications.
- **Technologies used:** Node, React, React-Native, Redux, Redux-Saga, SQL Server, Firebase.

### Associate Software Intern

#### hyperXchange

📅 Jan 2020 – May 2020

- Developed an automated image capturing Android App to click image and upload it to AWS S3 for imageprocessing.
- Implemented backend of a news app using Node and MongoDB and deployed it to AWS EC2.
- Build the data flow of Order Microservice using Node.js.
- **Technologies used:** Nodejs, Java, Android Java, Firebase, MongoDB, MySQL

## PROJECTS

### Reelitin : Antimicrobial stewardship program

- Collected medicinal data from various stages including doctors to wholesalers.
- Calculated Daily Drugs Dosage (DDD) based on statistical data provided by different sources.
- Collected granular data such as age, state, duration, chemical formulas, method of intake and strength.
- **Technologies used:** Node, React, MongoDB

### Vote-Now : Digitized voting system

- Used eye-blink recognition to verify voters real time.
- Used co-relation to check the accuracy of two images while verification.
- **Technologies used:** Node, Android, MongoDB

## EDUCATION

### Bachelor of Technology, CSE

#### RCC Institute of Information Technology

📅 2018 – 2022

📍 Kolkata

CGPA: 8.86

### Senior Secondary, 10+2

#### K.V.Cossipore

📅 2017 - 2018

📍 Kolkata

Percentage: 77.33%

## TECHNICAL SKILLS

### Programming

**Proficient:** C, C++, JavaScript

**Familiar:** Golang, Java

### Developement

Node, React, HTML, CSS, Redux, Saga

### Databases

**Proficient:** PostgreSQL, MS SQL Server

**Familiar:** MongoDB, TimescaleDb

### Technologies

**Proficient:** Git, Microservices, GCP

**Familiar:** Docker, Redis

## ACHIEVEMENTS

- 2018 2nd HackerKnight (KGEC Hackathon).
- 2019 Ranked 90th position in CodersBit among 500+ participants.
- Selected for SIH 2020 final for AWS healthcare problem statement.
- Under top 10 teams in IIT BHU hackathon in 2019

## INTERESTS

Full-Stack Development, Backend Development, System Design

## COURSEWORK

Data Structure and Algorithms, Computer Networks, DBMS, Operating Systems

## CERTIFICATES

**Coursera:** Concurrency with Go

**Coursera:** Bits and bytes of Networking