

DARSHPREET SINGH

Software Development Enthusiast

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Darshpreet2000

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EXPERIENCE

Google Summer Of Code Student ([Link](#))

LibreHealth

May 2020 – Aug 2020

- Developed an app from scratch which displays costs of medical procedures of US hospitals. This app displays nearby hospitals and the user can filter the prices accordingly. App downloads nearby hospitals chargemaster from GitLab Repository and save it to local storage of phone in SQL database. This App can work offline and updates once a month.
- Made a web scraper with python, scrapy & selenium. This scraps charge-master of hospitals & saves it to GitLab Repository
- Performed the complete design, application development and unit testing of the project
- Used CI (Continuous Integration) pipeline to run the scraper periodically every month and scrap and process data

Android Developer Intern

Easyops Technologies ([Link](#))

Jan 2020 – April 2020

@Online Internship

- Worked on Easyops POS (Point Of Sale) app, Made improvements & created promotions & coupons features in the app
- Worked on fixing bugs while adding items to cart total amount calculation
- Created Easyops Sales App which shows picklist & items to be picked. Used QR scanner & REST API

Android Developer Intern

Stack Nation ([Link](#))

Jan 2020 – Feb 2020

@Online Internship

- Created Herody app from scratch which displays events, registers user for that event, gives reward for completing the event

ACHIEVEMENTS

- Google Kickstart Round H (Ranked 2165 out of 10000) ([Link](#))
- 3 * At Codechef ([Link](#))
- Codeforces Max Rating 1034 ([Link](#))
- HackerRank Problem Solving (Basics) ([Link](#))
- Selected in Google Summer of Code ([Link](#))
- Participated in Kharagpur winter of code ([Link](#))

SKILLS

C++ Python Java C Android Git Android Studio Flutter React HTML CSS SQL Github

EDUCATION

Bachelor of Technology, CSE

Guru Gobind Singh Indraprastha University

2018 – 2022

Delhi, India

- CGPA 9.0

CBSE 12th

GHPS

2018

Delhi, India

- Percentage 91.2%

CBSE 10th

GHPS

2016

Delhi, India

- CGPA 9.8

PROJECTS

LibreHealth Cost Of Care Flutter App ([Link](#))

- Flutter App to allow users to compare price of medical procedures of US hospitals
- Used BLoC Architecture for state management
- Used Gitlab API to fetch chargemasters
- Used SQL database to store chargemaster in phone storage
- Used CI pipeline to build release apk, deployed on fdroid ([Link](#))

LibreHealth Cost Of Care Web App

([Link](#)) <https://librehealth-cost-of-care.web.app/>

- Developed this as open source project for LibreHealth
- Allows user to compare costs of medical procedure of US Hospitals
- Used Gitlab API to fetch chargemasters
- Used Reactjs with React Hooks State management

LibreHealth Data Scraper ([Link](#))

- Used Scrapy, Selenium to automate browser
- Used python pandas to process chargemaster
- Converted chargemasters from csv to json format
- Used CI Pipeline to run scraper every month