

# Anushka Chakraborty

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## EDUCATION

### IIT - PATNA

BACHELOR'S OF TECHNOLOGY  
2019-23

## SKILLS

**Mobile Dev:** •Android •Kotlin  
•Postman API integration •SQLite  
•Firebase •JUnit •Mockito •Java

**Analytics based :** •Data Science •  
Python •NumPy •Matplotlib

### Web Dev VCS:

•ReactJS •HTML •CSS • PHP  
•Bubble Platform •Lampp  
•GitLab •Git •  
GitHub •OOPS •DBMS •SQL  
•Django

**Miscellaneous:** •Microsoft Visual  
Code •C++ • Google Cloud • Linux  
terminal •VR •MVVM • MVP  
•Jupyter Notebook

## COURSEWORK

• Data Science • Algorithms and  
Data Structures • Linear Algebra  
• Partial Differential Equations  
• Real and Complex Transformations  
• Numerical Methods in Calculations  
• Mathematical Modelling • Finance  
• Macroeconomics • Financial  
Analytics • Macroeconomics

## OTHER

## ACHIEVEMENTS

**2019** Top 1%ile of almost 1Million  
Applicants for IIT  
**2021** 480+ Questions on Leetcode  
**2020** Google Kickstart Rank :  
2111(Round H)  
**2021** Google Cloud Specialisation  
from Coursera : link  
**2020** Inter IIT Tech Meet  
**2019** Inter IIT Sports Meet

## LEADERSHIP ROLES

Google Developer Students Club  
Overall Lead - 2021  
Core Team 2020  
Entrepreneurship Cell -  
Media & PR Coordinator 2021

## EXPERIENCE

### IGALIA | WOLVIC | FIREFOX VR | CODING EXPERIENCE INTERN

July 2022 - Present | [GitHub Link](#)

- Worked on applicatione Wolvic Browser in **Oculus Quest 2**.
- Frontend Prompts and Web dialogs enhancement.
- Debugging Crash causing behaviour along with QA testing of websites.
- Researched file upload/download functionalities which were converted to code by senior devs.

### GOOGLE SUMMER OF CODE 2021 | OPEN SOURCE DEVELOPER

May 2021 - August 2021 | [Google FHIR SDK](#) | [GitHub Link](#) | [Gist Link](#)

- Implementing unit testing using **Mockito and Junit**
- Implementation and structuring of International Patients Profile in fhir.

### ANAMDC |MOBILE DEVELOPER

Jan 2022 - Apr 2022| [StockTick Captial](#)

- Implemented **Agile processes** for funds management app from scratch.
- API Integration using Retrofit. Implemented authentication flow **Navigation Handling using Nav Graphs** along with **JSON data UI conversion**. **Embedded Video, Chrome View, Nested Scrolling**.

### GOCHANAKYA |FULL STACK DEVELOPER

June 2022 | [Bubble](#) | [MVP](#) | [RDBMS](#) | [SaaS](#)

- **Relational Database Creation** for **Investor Profiling, Questionnaires** based on **Behavioural Finance**. **Front End** creation of **Questionnaires for & Admin Section** using **Bubble Platform**.

## SELF PROJECTS

### KOTLIN SOFTWARE ARCHITECTURE | KOTLIN | PROJECT LINK

**7 different MVVM architectural decisions** that can be made implemented in a working app **on different branches**. Each decision on a separate git branch **Solo open Source project**.

### GITHUB PROFILE-STOPSTALK APP | ANDROID | JAVA | RETROFIT | PROJECT LINK

Fetches GitHub User Profile, Followers and Public Repositories.

### BOSCH TRAFFIC SIGN RECOGNITION | DJANGO | PYTHON | ML | TEAM(10) | PROJECT LINK

Worked on the API side of the dashboard tool for the recognition of traffic symbols.

### STOCK PRICE PREDICTOR VISUALISER | PYTHON | FINANCE | JUPYTER NOTEBOOK | PROJECT LINK

Predicting stock prices of future dates by using stock data from yahoo finance.

### COLOR PALETTE | REACT | JAVASCRIPT | HTML | CSS

React Color Palette for managing colour palettes.

### VIRTUAL LAB | DJANGO | PYTHON | TEAM(2) | PROJECT LINK

A web based virtual lab predicting motion of Simple and Double Pendulum with animations