

# 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  
• Jupyter Notebook • Mathematics

**Web Dev VCS:** • ReactJS •  
HTML-CSS • PHP • Bubble  
Platform • Lampp

**Miscellaneous:** • Git • GitHub •  
GitLab • C++ • Google Cloud • Linux  
environment and  
terminal • VR • MVVM • MVP

## COURSEWORK

**Maths based:** • Data Science •  
Algorithms and Data Structures •  
Linear Algebra • Partial Differential  
Equations • Real and Complex  
Transformations • Numerical  
Methods in Calculations •  
Mathematical Modelling

**Finance based:** • Macroeconomics •  
Macroeconomics • Finance •  
Financial Analytics

## OTHER

## ACHIEVEMENTS

**2019** Top 0.1%ile of 1.4 Million  
Applicants for IIT  
**2021** 450+ 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 - Current

- Project is Wolvic **Virtual Reality WebXR specific Browser**. Firefox VR has been changed to Wolvic under Igalia.
- Currently working on **understanding code base and Quality Analysis (QA) using Oculus Quest 2** for WebXR, Immersive VR specific functional websites.
- [Project GitHub Link](#)

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

May 2021 - August 2021 | Google FHIR Sdk

- Implemented **MVVM architecture (kotlin)** backbone for implementation of International Patients' Profile Page. **Unit Testing** file creation using **Junit**, **Mockito** for Database CRUDs SQL operation testing.
- [Project GitHub Link](#) • [Project Gist Link](#)

### ANAMDC | MOBILE DEVELOPER

Jan 2022 - Apr 2022 | StockTick Capital

- Implemented **Agile processes** for funds management app from scratch.
- Handled API Integration using Postman. Changed **Figma design to code functionality** as required. **Navigation Handling** along with **JSON data UI conversion**. **Embedded Video**, **Chrome View**, **Nested Scrolling**. **Retrofit Network calls handling**.

### GOCHANAKYA | FULL STACK DEVELOPER

June 2022

- **Relational Database Creation** for **Investor Profiling**, **Questionnaires** based on **Behavioural Finance**. This was - MVP for the SaaS finance based product. **Front End** creation of **Questionnaires for & Admin Section** using **Bubble Platform**.

## SELF PROJECTS

### KOTLIN SOFTWARE ARCHITECTURE | KOTLIN

**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**.

[Project Link with Details](#)

### STOCK PRICE PREDICTOR VISUALISER | JUPYTER NOTEBOOK

Python script fetches data from yahoo finance (ARIMA financial model)  
[Project Link](#)

### NESTED JSON BASED TEMPLATE APP | KOTLIN

**Navgraph**, **network handling** nested JSON app.

[Project Link](#)

### TEXT TO SPEECH APP | ANDROID JAVA

**TTS app** for Pitch speed alteration for voice modulation

[Project Link](#)

### GITHUB PROFILE-STOPSTALK APP | ANDROID JAVA

Fetches GitHub User Profile, Followers and Public Repositories.

[Project Link](#)