

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

- Currently working on Wolvic **Virtual Reality ,WebXR,specific Browser**. Firefox VR has been changed to Wolvic under Igalia.
- Understanding code base utility functions. Working on Quality Analysis (QA) of 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 BASED APP | 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](#)