Anushka Chakraborty

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EDUCATION

IIT - PATNA
Bachelor's of Technology
2019-23

SKILLS

Mobile Dev: •Android •Kotlin •Postman API integration •SQLlite •Firebase • Junit •Mockito• Java
Analytics based : •Data Science• Python•NumPy•MatPlotLib •Jupyter Notebook•Mathematics
Web Dev VCS: •ReactJS• HTML-CSS• PHP •Bubble Platform•Lampp• GitLab• Git • GitHub
Miscellaneous: •C++ • Google Cloud • Linux environment bash 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 1.4Million Applicants for IIT
2021450+ 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
Enterpreneurship 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 Captial
- 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)

ProjectLink

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