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Animesh Pandey

Undergraduate Student

Github
My Portfolio Webpage

About Me: Hi!, keeping it brief,some buzzwords that describe me would be Confident,Competitive,Dependable and Passionate
Currently Learning Native Android Development(Kotlin/XML/Jetpack),will move to Cross platform(React Native/Flutter) next

EDUCATION

B.tech,Computer Science and Engineering(Spec IOT) Vellore Institute of Technology, Vellore,Tamil Nadu **Oct-2020–Ongoing**
Senior Secondary and Matriculation Delhi Public School,Ranchi,Jharkhand **2018 –2020**

PROJECTS (Click on the Title for Github)

MINECO - IOT Powered Smart Mining Helmet, Solo **IOT-Fall Semester 2023**

- A real time Ad-hoc network powered safety helmet to detect Carbon Monoxide and other gas leaks in a mine embedded with a 2-Layer warning and evacuation system
- Admin-support dashboard (integrated using Things-speak IOT analytics API) for real time state of miners and data collection
- Hardware : ESP32 + ESP-NOW, (Also tested on Arduino and ESP8266)

StackChat- Room Based Private Chatting , Team Based **Android Native- March 2023**

- A real time private chat application,supporting multiple chat rooms and users simultaneously
- Built entirely using Kotlin and Jetpack Compose,UI Designed using Figma,Uses StreamAPI SDK and Google Firebase,supports API Level 21 and above (Android 5.0 and above)

APRIC, Solo **Internship Task(Machine learning)**

- Scrapes reviews of a product on amazon, using only the URL
- Using Summarization and Question Answering Models to formulate a chat-bot that answers questions about the products based on the context of the scraped reviews,Uses BeautifulSoup(Python) for scraping,SUMY Summarization model,Transformers(deepset/roberta-base-squad2)

Other Android Mini Projects, some of my mini projects done for fun/practice,detailed summary on my Github repo **Android Mini Projects**

- AnimeQuotes,Recipe Recommendation(MealDB API+RoomDB),VITIAN Clone(Jetpack Compose),ForgetNot App-Android 13

WORK EXPERIENCE

Samsung Prism(Research Intern) **Dec 2022–Aug 2023**

Location: Virtual

- Completion of problem statement related to Assessing log volume impact from an industrial codebase and assigning a log score for the same using text parsing and/or using NLP, Codebase used- ChatGPT 3.0
- Obtained Certificate of Completion and Excellence

Steel Authority of India (Machine Learning Intern-Onsite) **May 2023-June 2023**

Location: The Research and Development Centre for Iron and Steel (RDCIS),Ranchi,Jharkhand

- Assigned to Smart Systems Lab,RDCIS, Assigned machine learning project 'APRIC'
- Exposure to LLM's and ChatBots

SKILLS

Programming Kotlin, Java, C (Generic and Embedded), SQL,Basic Exposure(Python,R and JavaScript), MATLAB
Core Data Structures and Algos ,Object Oriented Programming ,Operating Systems, DBMS,Computer Architecture
Tools Android Studio,Figma,FlexDashboard,Arduino IDE2,TinkerCAD,MS Office, Video Editing(Adobe Premier and AE)
Awareness Cloud,BigData,Docker,Ad-Hoc and Software Defined Networks,Machine Learning-Tensorflow,SUMY,Transformers, libraries),API(REST),Data-visualization(Seaborn and Plotly),Cryptography and network security

CERTIFICATIONS (Click on the Title to see the Certificates in a new window)

- AWS Certified Cloud Practitioner (**Amazon Cloud**)
- Ongoing Android 14 and Kotlin Development Masterclass (**Udemy-Denis Panjuta**)
- Android Development Fundamentals in Java (**Simplilearn**)
- Android Application Development with Kotlin (**Externship-Smart Internz in collaboration with Google**)
- Certificate of Successful Completion- (**Samsung**)
- Certificate of Excellence-(**Samsung**)

POSITIONS HELD

- IOT Avionics Engineer and Video Editor for Team UAV, VIT Vellore
- Script Writer and Video editor- The Comedy Club,VIT Vellore