Animesh Pandey
Undergraduate Student

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Github
My Portfolio Webpage

About Me: Hi!, keeping it brief,some buzzwords that describe me would be Confident,Competitive,Dependable and DE 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 - An 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 Desgined using Figma,Uses StreamAPI SDK and Google Firebase,supports API Level 21 and above (Android 5.0 and above)

APRIC-Amazon Product Review, 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, (Details available on 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

Airports Authority of India (CNS Intern-Onsite) **April 2022-May 2022**
Location: Birsa Munda Airport,Ranchi
- Assigned to the CNS Department(Communication,Navigation,Surveilence
- Exposure to the local network models of a modern airport,Non project internship

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,Github(Version Control),Arduino IDE2,TinkerCAD,MS Office
Awareness Cloud,BigData,Docker,SDLC's(Agile/WaterFall),Clean Architecture,Ad-Hoc and Software Defined Networks,Machine Learning-(Tensorflow,SUMY,Transformers, libraries),APIs(REST),Data-visualization(Seaborn and Plotly),Cryptography and Network Security,Video Editing(Adobe Premier Pro and AE)

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

- AWS Certified Cloud Practitioner **(Amazon Cloud)**
- 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)**