



Animesh Pandey

Bachelor of Technology(4-Years)
in Computer Science Engineering and specialization in IOT
Vellore Institute Of Technology, Vellore,Tamil Nadu

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EDUCATION

Qualification	Institute	Board / University	Status	Year
B.Tech CSE W IOT	SCOPE	Vellore Institute Of Technology, Vellore,Tamil Nadu	On-going(7th Sem)	2020-2024
Senior Secondary	DPS Ranchi	CBSE	Completed	2020
Matriculation	DPS Ranchi	CBSE	Completed	2018

PROJECTS

•StackChat - Android Application

Team based

- A real time private chat application,supporting multiple chat rooms and users simultaneously
- UI Desgined using Figma, Jetpack compose-Kotlin for Frontend, Google Firebase as the backend engine

Mar 2023 - April 2023

[Click here for Github](#)

•MINECO - IOT Powered Smart mining Helmet

Self

- 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) for real time state of miners and data collection
- Hardware : ESP32 + ESP-NOW, ESP8266 (Also tested on arduino)

Fall Semester 2022

[Click here for Github](#)

•Amazon Product Review Interactive Chatbot

Self

- Scrape 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

June 2023- July 2023

[Click here for Github](#)

•Co-Trainer Fitness Android Application

DEVJAMS Hack-a-thon

- A Fitness application with BMI-Caclulator support and corresponding diet plan recommendation system
- Built with traditional JAVA-XML paradigm

Mar 2021 - April 2021

[Click here for Github](#)

TECHNICAL SKILLS

- **Programming Languages:** Java(Preferred), Kotlin, C and Embedded C(IOT Based) Python(basics),R and MATLAB(statistics),(Scripting languages) HTML/CSS/JavaScript and Bootstrap 5, SQL,Room-DB(Database manipulations
- **Conceptual familiarity:** Object Oriented Paradigms,Data Structures and Algorithms,IOT applications, Computer Organization & Architecture, Operating System,Android Operating system,Testing(Unit,Automated),API's(REST/Retrofit Android) Database Management System, Statistical Methods, Computer Networks & Security, Computer Graphics & Multimedia, Blockchain,Software Engineering , Software Defined Networks(SDN),wearable computing , Ad-hoc networks, Cryptography and network security, Data-visualization (R based),Machine Learning-Tensorflow,SUMY,Transformers libraries
- **Tools and Frameworks:** Android Studio Flamingo,Jetpack Compose,React Native ,R-Studio, Figma , Google Collab,Flexdashboard, Things-Speak API Arduino IDE2,Tinker-cad, MS Office-(word, excel ,Powerpoint),(for video editing)Adobe Premier Pro, Adobe After Effects, Clip-champs. (Image Editing) Adobe Photoshop , Picassa-3, PIXL-R online editor

CERTIFICATIONS AND ACHIEVEMENTS (CLICK ON THE CERTIFICATE TO OPEN IT)

- **Android Application Development with Kotlin Powered by Google Developers**
- **Simplilearn Android Development Fundamentals-Java** Simplilearn
- **Samsung PRISM Research Internship** Samsung S.Korea-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
- **AWS Certified Cloud Practitioner** Amazon Certifications
- **Certificate of Excellence** -SAMSUNG Prism Worklet

VOCATIONAL ON-SITE TRAINING

•Airports Authority of India

Birsa Munda Domestic Airport

- Assigned to the Control and Navigation department (CNS)
- Exposure to Networking environment of a modern airport

May-2023 - June-2023

Ranchi, Jharkhand

•Steel Authority of India

Center for Research and Development (RDCIS)

- Collaboration on a Machine Learning based project
- Exposure to LLM'S

June-2023 -July-2023

Ranchi, Jharkhand

POSITIONS OF RESPONSIBILITY

•**Avionics Engineer and Video Editor**, Team UAV -Creation labs(Disbanded), VIT Vellore

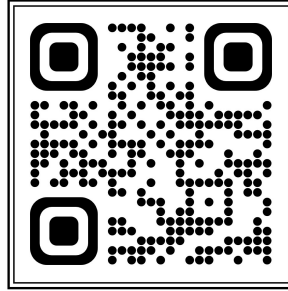
Apr. 2021 - May. 2022

•**Stand-up comedian and Video Editor**, Comedy Club, VIT Vellore

Dec-2021 - Current

A SMALL SUMMARY

Hi!, since this section is short,lets go with buzzwords that describe me-Confident,Competitive,Astute,Passionate.I am an aspiring T-Shaped developer with my prime focus being Android Development. Being comfortable in Java and Kotlin for developing android Applications, I prefer Jet-pack-Compose as the Front-end framework .I have just recently started exploring React native and am yet to gain hands on experience on the same.I am also comfortable with the traditional Java-XML Based android development paradigm,there is always an attempt to follow Clean architecture approaches such as MVVM and MVI with familiarity on testing concepts. I Am also passionate about IOT Applications and exploring the world of micro-controllers for which I use Embedded C and the Arduino IDE, I would be glad if you could visit my portfolio website and my Github, for which you can click [here](#), or scan this QR code. See you there!



Portfolio