



# Animesh Pandey

Bachelor of Technology(4-Years)  
in Computer Science Engineering and specialization in IOT  
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## 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 and IOT Applications for which I use Embedded C and the Arduino IDE, being comfortable in Java and Kotlin for developing android Applications, I prefer Jetpack-Compose as the Frontend framework,but i am also comfortable with the traditional Java-XML Based development paradigms. I would be really glad if you could visit my portfolio website for more information about me for which you can click here, see you there!

## EDUCATION

Qualification	Institute	Board / University	CGPA/Percentage	Year
B.Tech CSE W IOT	SCOPE	Vellore Institute Of Technology, Vellore,Tamil Nadu	7.88 (Till 6th Sem)	2020-2024
Senior Secondary	DPS Ranchi	CBSE	94.2%	2020
Matriculation	DPS Ranchi	CBSE	94.8%	2018

## PROJECTS

- **MINECO - IOT Powered Smart mining Helmet** *Fall Semester 2022*  
*Self* [Click here for Github](#)
  - 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
- **Co-Trainer Fitness Application** *Mar 2021 - April 2021*  
*DEVJAMS Hack-a-thon* [Click here for Github](#)
  - A Fitness application with BMI-Cacluator support and corresponding diet plan recommendation system
  - Built with traditional JAVA-XML paradigm
- **Amazon Product Review Interactive Chatbot** *June 2023- July 2023*  
*Self* [Click here for Github](#)
  - Scrape reviews of a product on amazon, using only the URL
  - Using Summarization and Question Answering Models to formulate a chatbot that answers questions about the products based on the context of the scraped reviews

Since there is a constraint to keep this document readable and short, I can't list all my projects that I am really proud of too, please visit my github, it houses my other works!

## TECHNICAL SKILLS

- Programming Languages:** Java(Preffered), 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)
- Tools and Frameworks:** Android Studio Flamingo,Jetpack Compose R-Studio, Figma , Google Collab, Arduino IDE2,Tinkercad, 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
- Operating Systems:** Windows, Kali-Linux , Android

## TECHNICAL INTERESTS AND FAMILIARITY

- CSE & Maths:** Object Oriented Paradigms,Data Structures and Algorithms, IOT applications, Computer Organization & Architecture, Python Programming, Operating System, Database Management System, Statistical Methods, Computer Networks & Security, Computer Graphics & Multimedia, Block-chain , Software Defined Networks(SDN),wearable computing , Ad-hoc networks, Cryptography and network security, Data-visualization (R based),Machine Learning and AI
- Others:** Quantum Computing,Video Editing,Image editing, Tinkercad Projects,Nueral Networks

## CERTIFICATIONS AND ACHIEVEMENTS

- **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
- **AWS Certified Cloud Practitioner** Amazon Certifications
- **Android Application Development with Kotlin Powered by Google Developers** Smart-Internz

## VOCATIONAL TRAINING

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- **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

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- **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 NOTE!

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Given that this was supposed to be a very limited introduction to me and my work, I would be delighted if you can please visit my portfolio website by clicking the link below or scanning the following QR Code, it houses more information on my other projects, interests and more convenient ways to get in touch, See you there!

My portfolio: [Click here!](#) Or scan this:

