

# AMAN CHAUHAN

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## EDUCATION

**RAMAIAH INSTITUTE OF TECHNOLOGY** 

*Bachelor of Engineering, ECE*

2020 – 2024

Bengaluru, India

**ST. JOSEPH INTERNATIONAL SCHOOL**

*Class XII-PCM*

2018 – 2019

Kota, India

## SKILLS

C

C++

OOPS

Python\*

mysql

DBMS

Data structure and algorithms

AWS

Django

Computer Networks\*

## WORK EXPERIENCE

**Project Intern**

*Samsung R&D Institute* 


12/2022 – 08/2023

Bengaluru, India

TCP/IP | Performance evaluation of DSCP values in various network conditions.

- Simulation of different network traffic scenarios packet loss, congestion, delay between client and server.
- TOOLS USED : NS-3, Wireshark ,Ubuntu22.04.

**R&D Intern**

*Nokia Solutions and Networks* 

10/2023 – 06/2024

Bengaluru, India

5G/LTE air interface, call processing technologies and network architecture.

- Hands-on experience in 5G/LTE call flow, protocols and gNodeB testing.
- Cloud Server, Python, Jenkins(CI/CD), Unix/Linux environment.

## PROJECTS

**High precision seed segregation through Image processing and mechanical grading**

- Setup is able to segregate peanut seeds into various categories (germination, edible, infected).
- Real-time images are processed using a mechanical setup, and all the outcomes are stored in the database.
- Raspberry pi 4(for motor driver and servo motor control), CNN (Tensorflow), SQL, PHP.

**Gamified website using WebGL(unity)** 

*Enhanced learning and shopping experience for parents.*


- Website aims to maximum retention and grasping the focus of user who wants to learn parenting.
- TOOLS USED: unity c# ,html, javascript, blender 3D.

**Tournament data analysis**

*Indian Premier League,*

- Dataset file used is from source kaggle.com and the two datasets file is being used and merged accordingly.
- The results and metrics are plotted using the Python libraries Pandas, NumPy, Matplotlib and Seaborn.

## ACTIVITIES

**Hackverse 4.0-hackathon** 

*NITK Surathkal*

Surathkal, India

**Domain:** Artificial Intelligence

- DRIVER MONITORING SYSTEM Create a Safer In-Cabin experience.

**CENTURITON-hackathon** 

*National Level Hackathon*

Bengaluru, India

**Domain:** AR/VR and IOT

- EAM (ENTERPRISE ASSET MANAGEMENT SOFTWARE).

**National Service Scheme (NSS)**

*Blood donation camp and other social activities: As a volunteer affiliated with NSS.*

Bengaluru, India