Adityakumar Naik

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EDUCATION

- **KLE Technological University, Hubballi** — *2021-2025*
  B.E Electronics and Communication Engineering — CGPA: 7.7
- **MES Pre-University College** — *2019-2021*
  Class X1 and X11 — Percentage: 85
- **Ave Maria highschool** — *2018*
  Class X — Percentage: 90.72

EXPERIENCE AND TRAINING

- **CEVI-Centre of Excellence in Visual Intelligence (KLETECH)** — *April 2020*
  Project Intern — Offline
  - **Developed and implemented algorithms** to enhance the accuracy and efficiency of visual intelligence systems.
  - **Conducted mini and minor projects** focused on 3D model generation and variation for content creation.

- **Google** — *April 2020*
  Digital Marketing Trainee — Remote
  - **Entry-level position assisting** in digital marketing campaigns, data analysis, and content creation under supervision.
  - **Learning and applying** SEO, social media, and email marketing strategies to support business objectives.

PERSONAL PROJECTS

- **3D content creation and refinement** — *feb 2024*
  Centre of excellence in visual inteligence,Hubbali
  - 3D content creation involves processing point clouds, refining them through attribute flow architecture, and seamlessly transitioning latent vectors.

- **Human based activity recognition using wifi based CSI signal** — *May 2024*
  SOECE,Hubbali
  - This project focuses on human activity recognition using WiFi-based Channel State Information (CSI) signals. It involves collecting CSI data from 2 ESP-32, preprocessing the signals to extract relevant features like amplitude, phase, and frequency shifts, and then training machine learning models such as deep neural networks or support vector machines for activity classification.
  - The project aims to achieve high accuracy in recognizing human activities such as walking, running, sitting, and standing based solely on the variations in WiFi signals caused by these activities

- **Class specific image to 3D reconstruction** — *June 2024*
  SOECE,Hubbali
  - This project involves developing a 3D model from images through input condition from user
  - We have chosen the chair class for our study.

- **Car Rental Management System using C++** — *February 2024*
  SOECE, Hubbali
  - This project involves developing a car rental management system using C++ and OOPS.
  - It includes functionalities such as booking, tracking available vehicles, managing customer information, generating invoices, and maintaining a database of rental history, providing an efficient and user-friendly solution for car rental businesses.

TECHNICAL SKILLS AND INTERESTS

Languages: : C++ (Proficient), C, Python, HTML,Matlab,ARM, Javascript, SQL, C++
Developer Tools: Visual Studio, Matlab, Xilinx,Cadence,Overleaf,Stackoverflow
Platforms:Linux,Mac Os,Unix
Cloud/Databases:Juniper,Aws
Soft Skills: Communication, Leadership, Problem Solving, Teamwork, Time management, Sports
Areas of Interest: Technology, Organizationl works, Team Building, volunteering, sports.

Courses and Certification

Learn Python Programming - Beginner to Master(Udemy)
Machine Learning Algorithms (Great Learning)
Learning - Junos, Associate (JNCIA-Junos))
Open Learning - Cloud, Associate (JNCIA-Cloud)
Learn Java Programming - Beginner to Master(Udemy)

Positions of Responsibility

- **EC Department Association Head,General Secreatary** *2023-2024*
- **Class representative,Kletech** *2021-2022*
- **College representative,Mes pre university college** *2020-2021*

Achievements

- **National level sports athlete** Ball badminton *2018*
- **Secured silver medal in state-level ball badminton competition.** *2018,2019*
- **Participated in over 10 state and national tournaments.** *2016-2020*