AAKASH

+91 9354521667|Male   aakash_ec_21a5_75@dtu.ac.in|LinkedIn| GitHub   2K21/EC/002

EDUCATION

Board/Degree	Year	Name of Institution	Score
B.Tech. (ECE)	2021-2025	Delhi Technological University, Delhi	6.38 CGPA
C.B.S.E (Class XII)	2019	G.S.B.V Mangol Puri , New Delhi	66.6%
C.B.S.E (Class X)	2017	G.S.B.V Mangol Puri, New Delhi	79.80%

CAREER OBJECTIVE

Self-motivated and hardworking fresher seeking for an opportunity to work in a challenging environment to prove my skills and utilize my knowledge & intelligence in the growth of the organization.

ACADEMIC PROJECT

- **Design of 2:4 Decoder on LTspice (Core) | GitHub**
  - Implemented a 2x4 decoder using three logic styles: static CMOS, transmission gate, and pseudo-NMOS in LTspice. Subsequently, and compared these implementations regarding the number of transistors used and propagation delay.
- **4-bit Look Ahead Carry Adder on ISE Xilinx using Verilog HDL(Core) | GitHub**
  - Implemented a 4-bit Look Ahead Carry Adder on ISE Xilinx using Verilog HDL. This high-speed adder has two 4-bit numbers as input, delivering sum as output by significantly reducing Carry propagation delay.
- **Portfolio | GitHub**
  - Portfolios are used to showcase skills, work, and accomplishments, particularly in creative and professional fields. • Created using basic HTML, CSS and JavaScript • Used ScrollReveal API for Animations
- **Railway Reservation System**
  - A railway reservation system is a software application designed to facilitate the booking and management of train tickets. It allows passengers to reserve seats on trains, check schedules, and manage their bookings.
- **Amazon Clone(Frontend) | GitHub**
  - Amazon is a multinational technology and e-commerce company based in Seattle, Washington.
  - Initially an online bookstore, it now sells a vast range of products through its online marketplace.
  - Languages : HTML, CSS, JavaScript
- **Banking System |GitHub**
  - A banking system is a software infrastructure designed to handle the operations of a bank, including account management, transactions, loans, and customer service. It enables the bank to provide various financial services to its customer. • Language : C++

SKILLS

● **Core Courses:** Analog Electronics, Digital Electronics, Signals and Systems, Communication Systems, Electromagnetics, Computer Architecture, Digital Communication, Linear Integrated Circuits, Digital Signal Processing, Embedded system, VLSI Design

● **Technical Courses:** C++ & C, Python Programming Language, Data Structure and Algorithms (DSA) ,Object oriented Programming, Frontend Development(HTML, CSS, JAVASCRIPT),Backend Development(PHP, SQL),ML,Verilog,LTspice.

● **Other Project :- Lane Detection using OpenCV Python, Turtulebot3 with Gazebo**

○ **Platforms:** Arduino, Raspberry Pi, ROS, Linux.

●**Non-Technical Courses: SQL, Python, Communication Skills, Leadership Skills, Management Skils**

ACADEMIC & EXTRA-CURRICULAR ACHIEVEMENTS / CERTIFICATES

- Participated in Annual Sports Day at School
- Participated in Various Cultural Events in school and Colleges.
- Own YouTube Channel (3.23K Subscribers).