

Nirmal Katariya

CSE with specialization in VLSI | IIT JODHPUR
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EDUCATION

IIT JODHPUR
B.Tech. In Computer Science
& Engineering
2022 | Jodhpur, India
GPA: 6.56/10

Ashadeep Science Bhavan
CLASS 12
2018 | Surat, India
Percentage: 90.92% (PCM 92.33%)

Archana Vidhya Sankul
CLASS 10
2016 | Surat, India
Percentage: 93.16%

COURSEWORK

UNDERGRADUATE

Computer Programming
Discrete Mathematics
Data Structures & Algorithms
Object-Oriented Analysis & Design
Software Engineering
Theory of Computation
Computer Organization &
Architecture
OS, Computer Networks

SKILLS

PROGRAMMING

Proficient:

C/C++ • Javascript

Familiar:

Python • Java • SQL

WEB DEVELOPMENT

HTML/CSS • Bootstrap

React • Node JS

UTILITIES

Git • gem5 • DRAMsim3

cadence • NVmain

Autodesk SketchBook

LINKS

Github:// [Thundernirmal](#)

LinkedIn:// [nirmal-katariya](#)

EXPERIENCE

Associate consultant

Capgemini | Aug. 2022

B.TECH. PROJECTS

HyFRAME: A Hybrid Memory Framework for HPC Workloads

B.tech. Project | Jan. 2021| Guide: Dr. Dip Sankar Banerjee

- New main memory architecture with NVM

DHVANIK: Wearable Tympanometric Diagnostic Tool for Middle Ear Ailments

InterIIT Project | Dec. 2019

- Arduino-based projects using Cloud

Health Centre Software

Course Project | Nov. 2019

- OOAD Project developed using C++
- Based on console

POSITIONS OF RESPONSIBILITY

VICE-CAPTAIN Electronics Club | Aug 2019 - May 2020

- Coordinated and managed year-round activities and finance of the Electronics Club at IIT Jodhpur

ACHIEVEMENTS

- 8th Inter IIT Tech Meet - **Bagged 3rd position** in Ashoka's Tech for Change Challenge.
- Among the top 0.5% of 1.3 million applicants in JEE Advanced (2018).

EXTRACURRICULAR

- Member of the organizing team of Industry day and Prometeo '20-Inter college tech fest.
- Gave a talk on IoT and Automation to 1st and 2nd-year students
- Multiple small projects on HT12E & HT12D encoder and decoder IC for RF modules