



Mohan Kumar

Roll No.: 20BCP304

B. Tech

Computer Science and Engineering

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🌐 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

- Pandit Deendayal Energy University, Gujarat** 2024
B. Tech in Computer Science and Engineering CGPA: 9.77
- A. B. Patel Institute, Gujarat** 2021
Diploma in Computer Engineering CGPA: 9.74
- Kendriya Vidyalayam, Gujarat** 2018
Central Board of Secondary Education Percentage: 85.6

EXPERIENCE / INTERNSHIP

- eInfochips (An Arrow Company)** May 2023 - Jun 2023
CSE Summer Intern (Hybrid) Ahmedabad, Gujarat
 - Worked as a team leader.
 - Our team developed a full e-commerce website from scratch.
- vigIT Solutions** Jun 2022 - Sept 2022
Flutter Intern (Remote) Jaipur, Rajasthan
 - Worked in agile software development model.
 - Helped the team develop and publish 2 flutter apps.

PERSONAL PROJECTS

- Ray Tracer** June-July 2023
C++, CUDA
 - Learning ray tracing and gpu programming in CUDA.
 - Implemented different basic materials such as diffuse, metals and dielectrics.
- BitNCrypt** June-July 2023
University Project, C++
 - Designed an algorithm based on the similar concepts of hashing.
 - It can be used to generate and manage passwords.

TECHNICAL SKILLS AND INTERESTS

Tech: C++, OpenGL, GLSL, CUDA, Python, Flutter, Firebase, SQL

Developer Tools: Git, GitHub, Visual Studio, VS Code, Android Studio

Operating Systems: Linux (Manjaro / Arch), Windows, Android

Soft Skills: Problem Solving, Time Management, Teamwork, Leadership, Accountability, Teaching, Communication

Areas of Interest: Computer Graphics, GPU Architectures and Programming, Algorithms, Game Engines

POSITIONS OF RESPONSIBILITY

- Technical Head, Computer Society of India, Student Chapter PDEU** Nov 2021 - Jun 2023
- Application Development Lead, Google Developer Students Club, PDEU** Aug 2022 - Jun 2023

ACHIEVEMENTS

- Participated in Saurashtra Run for Fun Marathon conducted by INS Valsura, Jamnagar Jun 2022
- Participated U-17 Khel Maha Kumbh Football Jul 2021

CERTIFICATES

- NPTEL GPU Architectures and Programming** Apr 2023
- Udemy Flutter The Complete Guide** Apr 2021