Ankit Kumar

ankitksh.in@gmail.com | *+91* 9650763204

LinkedIn:// ankitthakur00 / Github:// lonewalker00

EDUCATION

National Institute of Technology Karnataka, Surathkal	Mangalore, India
MASTER of Computer Applications CGPA: 7.6/10.0	*Expected MAY 2021*
Deshbandhu College, University of Delhi	New Delhi, India
BACHELOR of Science, Chemistry 74.4%	*MAY 2017*
Saraswati Vidya Mandir Inter College	Bisauli, India
CLASS XII, 76%	*April 2013*

TECHNICAL SKILLS

- **Programming**: C, C++, Java, MySQL
- **Other Skills**: C++ STL, Visual Studio, Git, Django, NumPy, C# (Basic), Python (Basic)
- **Relevant Coursework**: Data Structures and Algorithms, Design and Analysis of Algorithms, Operating Systems, Database Management Systems, Compiler Design, Computer Networking.

EXPERIENCE

KLA -Tencor	Chennai, India
SOFTWARE Engineer (Summer Intern)	*MAY 2020 – June 2020*

  ◦ **Technologies Used**: Key-Value Database, Database Design, Algorithms, C#
  ◦ **DUPLICA**: A Visual Studio extension to find the duplicate code in huge codebase. Designed and implemented the complete extension.

PROJECTS

- **Mess Allocation System**: A web application to apply for mess online in NITK. The system was developed for ease of student as well as student council.

  Technology Used: Django for backend and SQLite for database, HTML, CSS, JS, for frontend
- **Driver Drowsiness Detection**: A computer vision system that can automatically detect driver drowsiness in a real-time video stream and then play an alarm if the driver appears to be drowsy. Detection of facial marks using convex hull trick and check Eye Aspect Ratio to determine the drowsiness.

  Technology Used: OpenCV, Python
- **NITK Sports Council**: A Web application for NITK sports council for basic operation of sports like registering team, viewing current teams etc.

  Technology Used: php for backend and SQL for database, HTML, CSS, JS, for frontend
- **NIM game:** A mathematical game of strategy in which two players take turns removing object from different heaps or piles. One who remove last piles is winner.

  Technology Used: C++
- **Flappy Copter**: Implemented a game like android classic game "Flappy Bird". In this game user will control the helicopter and avoid the obstacles.

  Technology Used: C, C Graphics Library

ACHIEVEMENTS & AWARDS

- **Google Foo bar**: Completed all the levels of google foo bar 2020.
- **JP Morgan Virtual Internship:** Completed a virtual summer internship provided by JP Morgan chase.
- **VERSION'19:** Overall winner of MCA Technical Fest of NIT Trichy.
- **NIMCET:** Secured AIR 59 in All India MCA Entrance Test

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **IGNITE**: Worked as secretary of NITK MCA technical fest.
- **MFC**: Active member of Mind Fuel Club of NITK.