# Ayushmaan Manish Kumar

Mumbai | ayushmaank25@gmail.com | +91 8779568856 | linkedin.com/in/ayushmaan-kumar github.com/lightyear256 | leetcode.com/u/ayushmaan25/ | Cloud Skill Boost Account

## **About Me**

My name is Ayushmaan Kumar, an undergraduate Computer Science and Engineering student at **IIIT Dharwad**. I am constantly exploring new technologies and acquiring new skills. Currently, I am focusing on **web development** and **backend development** using **Express.js** and **MongoDB**. I have a strong foundation in **data structures and algorithms (DSA)** and consistently enhance my problem-solving abilities by practicing on **LeetCode**. Additionally, I am pursuing a **minor in Cybersecurity**. I am excited to explore new opportunities and contribute to innovative research projects.

## **Education**

# **Indian Institute of Information Technology Dharwad**, B.Tech in Computer Science

Aug 2023 - May 2027

• GPA: 8.77/10

• Coursework: Computer Architecture, Data Structure Algorithm, Design Analysis of Algorithm.

#### Indian Institute of Information Technology Dharwad, Minor in Cybersecurity

Aug 2023 - May 2027

• GPA: 10/10

• Coursework: Basic of Cybersecurity, Security Asset Management, Risk Analysis

#### DAV Public School, HSC

Aug 2021 – May 2023

• Grade: A+

• honour: Academic Excellence in HSC

## Ryan International School, SSC

Aug 2011 – May 2021

Grade: A+

## Experience

| Member, | Velocity, Deve | elopment CLUB – | · IIIT Dharwad |
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March 2025 - Ongoing

Competative Programmer, MLSA CLUB(Microsoft Student Learn Ambassador) –

Nov 2024 - Ongoing

IIIT Dharwad

Website Coordinator, Career Guidance Cell(CGC) - IIIT Dharwad

Aug 2024 – Ongoing

## Particitated in Hackathon, Hackswift- IIIT Dharwad

Jan 2024 - Feb 2024

- Got Honourable Mention.
- Created a Prototype Website named Legal Vizier.
- The main idea of the website to educate user about their rights in various situations.

## **Projects**

#### **Geofencing Automated Attendance Marking App**

github.com/geofencingattendance

• A real-time attendance system using geofencing technology, ensuring students can only mark attendance within a specified location range, preventing fraudulent check-ins.

- Integrated biometric authentication (Face ID, fingerprint) for secure validation of student identity.
- Tools Used: React Native, Expo, Express.js, MongoDB

#### **To-Do List Application**

github.com/todo-list

A web application that allows users to add, update, and delete tasks, helping them efficiently manage their daily

activities.

• Tools Used: HTML, CSS, JavaScript, Express.js, MongoDB

Legal Vizier github.com/legalvizier

- This is a prototype website allows user to know about their rights and help user to act accordingly
- Tools Used: HTML, CSS, JAVASCRIPT, PYTHON

#### **Hand Gesture Volume Controller**

github.com/Hand-gesture-volume-controller

• This project uses hand gesture to control the volume of device

• Module: OpenCV, Mediapipe

• Tools Used: Python

## Certification

Foundation in Cybersecurity: Learned various cybersecurity tools and importance of cybersecurity.

Play It Safe: Manage Security Risks Learned about defined SIEM Tools and usage of playbooks

What is Metaverse?-course: It helped to get insight of what is metaverse and how we can make better use of it.

Honour of academic excellence in HSC

## **Technologies**

**Languages:** C++ , C , JAVA , SQL , JavaScript , Python **Module:** OpenCV, Mediapipe, Numpy , Pandas , Tkinter

Software: MYSQL WorkBench, MongoDB, VSCode, Microchip Studio, Pycharm, Git

Framework: Expressjs