

# AYUSH SHUKLA

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leetcode profile

## Education

### Bangalore Institute of Technology

Bachelor of Engineering, Information Science(CGPA: 8.6)

2021 – 2025

Bangalore, Karnataka

## Relevant Coursework

- Data Structures
- Data Algorithms
- OOP
- Operating System
- Database Management
- React

## Projects

### Vision Id | Python, OpenCV, Pandas, Numpy

[GitHub-Link](#)

- Built a real-time facial recognition system using **Python** and **OpenCV**, capable of identifying individuals through live video streams.
- Utilized **machine learning algorithms** and **Numpy** to match detected faces against a pre-stored database for precise recognition.
- Integrated **Pandas** for implementing data analytics features to monitor and analyze attendance patterns, offering actionable insights.
- Optimized OpenCV for smooth facial detection and recognition in live video feeds, showcasing proficiency in Python, machine learning, and real-time data processing with Pandas and NumPy.

### Cric-Intel | Python, Pandas, Matplotlib, Seaborn, Jupyter

[GitHub-Link](#)

- Performed in-depth data analysis on IPL datasets using **Python** and **Pandas**, evaluating key metrics like total runs, team performance, and player statistics.
- Analyzed top batsmen and bowlers' performance through metrics such as strike rates and economy, employing grouping techniques for detailed insights.
- Created visual representations of data using **Matplotlib** and **Seaborn**, showcasing boundary analysis, player trends, and venue-wise scoring patterns.
- Leveraged Jupyter Notebooks for interactive analysis and presentation, enhancing the clarity of **data-driven** insights.

### Wish-Work | Python, Pandas, SMTPLib, Pycharm

[GitHub-Link](#)

- Developed WishWork, an automated greeting solution using **Python**, **Pandas**, and **SMTPLib** for personalized messaging.
- Automated timely communication for birthdays, office tasks, and events by leveraging stored data to enhance user engagement.
- Showcased expertise in data management, **automation**, and **email integration**, streamlining event-based notifications through technology.
- Built and maintained the project using **Pycharm**, demonstrating strong proficiency in Python-based automation solutions.

## Achievements

- Solved 600+ **Data Structure and Algorithm** Questions on leetcode And participated on multiple contest with the overall rating of 1730+
- Secured the overall rank of below **4000 out of 23000+** students participated in leetcode contest.
- Our team secured a place in the top 10 at the HackOn Hackathon, reflecting our commitment to innovation and excellence in problem-solving within a highly competitive environment.

## Technical Skills

**Languages:** Python, JavaScript, HTML/CSS, Sql.

**Developer Tools:** Pycharm, VS Code , Jupyter

**Tools/Frameworks:** Machine Learning Algorithms, Pandas, Numpy, Matplotlib, Seaborn, React JS, Axios, GitHub, Mysql , Github.

**Competencies:** Data structure and Algorithms, Data Science, Web Scraping, Statistics, Data Wrangling, Data Manipulation