

Akash Deep

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EDUCATION

Lovely Professional University
B.TECH in Computer Science and Engineering
2020-2024 | Punjab, India
CGPA: 7.38/10

St. Joseph's School
Class 12(ICSE)
2019-2020 | Bhagalpur, India
Percentage: 81 %

St. Joseph's School
Class 10(ICSE)
2018-2019 | Bhagalpur, India
Percentage: 81.6 %

SKILLS

PROGRAMMING

Languages:

• Java • C++ • Python • Machine Learning

Frameworks

• HTML • CSS • JavaScript
• Spring Boot • React.js • OpenCV
• Pytorch • TensorFlow

Database

• MySQL • SQL

Tools

• GitHub • Jupyter • Eclipse
• VSCode • Matplotlib

LINKS

Leetcode:// [akashdeep](#)

Github:// [akashdeep](#)

Linkedin:// [akashdeep](#)

GeeksForGeeks:// [akashdeep](#)

HackerRank:// [akashdeep](#)

Portfolio:// [akash-portfolio](#)

CERTIFICATIONS

• Data Structures & Algorithm

Cipher Schools | [LINK](#)

• Natural Language & Processing |

Coursera | [LINK](#)

• DSA Self Paced | GeeksForGeeks |

[LINK](#)

COURSEWORK

• Data Structure and Algorithms
• Object Oriented Programming
• Database Management System

INTERNSHIP

CELEBAL TECHNOLOGIES | DATA ENGINEER INTERN

June 2023 - August 2023 | Remote

- Designed a user-friendly calculator interface using **Python's Tkinter**, boosting user engagement by **20%** and achieving a **99%** accuracy rate in arithmetic operations.
- Developed a robust bill management system with secure login, sign-up, and account management **GUI** using **HTML, CSS, and JavaScript**. Resulted in a **30%** increase in user sign-ups and enhanced user satisfaction.
- Implemented a **MySQL** database to securely store user information, including usernames and passwords.
- Achieved the highest level of recognition, receiving a **Gold Badge** for exceptional performance during the internship, surpassing project objectives, and exceeding expectations in all key areas.

PROJECTS

BLOOD DONOR | VIDEO | GITHUB

Java, Spring Boot, SQL

- Engineered a **Java Spring Boot** web app, increasing donor registrations by **30%** and enhancing response time by **50%**.
- Innovated donor search, reducing search time by **50%**, facilitating prompt connections between donors and recipients.
- Used **SQL** database functionality to securely store and manage donor details, ensuring data integrity and easy retrieval of information.

QUIZ APP | LIVE LINK | GITHUB

HTML, CSS, JavaScript

- Created an engaging interactive quiz application to test **users** knowledge and promote engagement.
- Made an interactive quiz application that tested users' knowledge, resulting in a **25%** increase in user retention.
- Streamlined user registration with an optimized single sign-on system, reducing registration time by **50%** and increasing sign-ups by **30%**.

HAND GESTURE RECOGNITION | GITHUB

Python, OpenCV, Tensorflow

- Executed real-time hand gesture recognition in **Python** through **Deep Learning**, cutting user input time by **50%** and improving the overall user experience.
- Implemented a hand gesture recognition model using **TensorFlow**, achieving **90%** accuracy and enhancing user interaction.
- Employed **OpenCV** to access and process webcam input, enabling real-time application of the hand gesture recognition system.

ACHIEVEMENTS

- Flipkart Grid 5.0 - Attained a top **2000** national ranking, and was among the top **10** in college participants
- **5 star in Java** and **C++** on Hackerrank
- Xiaomi Ode2Code 3.0 - Secured a top **1000** nationwide and top **3** in College.
- Solved over **400+** DSA Questions across Platforms .
- Global Rank **5000** out of **23900** in LeetCode BiWeekly contest **120**.