Akash Deep

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EDUCATION

Lovely Professional University
B.TECH in Computer Science and Engineering
2020-2024 | Punjab, India
CGPA: 7.58/10

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

ELECTRICITY BILL MANAGEMENT SYSTEM | Github
Java, SQL, Java Swing, Spring Boot
- Designed a Java-based **Electricity Billing System**, reducing manual billing processes by **60%**, and enhancing overall efficiency and accuracy.
- Implemented a unit consumption calculation feature, allowing users to track electricity usage and costs in real-time, reducing billing discrepancies by **40%**.
- Integrated an **SQL** customer database, improving data accuracy by **45%** and record lookup times by **35%**.

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 **3883** out of **31946** in LeetCode BiWeekly contest **125**.