

Akash Paila

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SUMMARY

4th year B-Tech student specializing in CSE i have acquired strong theoretical and practical skills. Experienced in Data Structures and Algorithms (DSA) using Java and proficient in front-end development. Skilled in Python and OpenCV for computer vision applications. Passionate about leveraging technology to solve complex problems and eager to contribute to real world projects.

COURSEWORKS

- | | | |
|---------------------------------------|---------------------------------|----------------------|
| 1. Data Structures Algorithms | 2. Computer Architecture | 3. Operating Systems |
| 4. DBMS | 5. Software Engineering | 6. Computer Networks |
| 7. Internet of Things | 8. Embedded Systems | 9. Machine Learning |
| 10. Natural Language Processing (NLP) | 11. Math-Tools for Data Science | |

PROJECTS

Face Recognition Based Attendance System

[Link to Demo](#)

Developed a Face Recognition Attendance System using Python and Tkinter GUI to automate the attendance marking process. The system allows users to mark attendance either through real-time webcam detection or by uploading pictures for recognition.

Technologies Used: Python, Tkinter, OpenCV (for image processing), face recognition library.

Hospital Management System

[Link to Demo](#)

Developed a complete End to End Hospital Management System in which the users i.e patients can view their reports, and make appointments where the doctors can upload the reports of the respective patients and Process their appointments based on their availability.And ADMIN can is there to add the patients and doctors and view all of them.

Technologies Used: HTML,CSS,JavaScript,PHP,MYSQL

Website with API Integration

[Link to Demo](#)

Developed a website using **React and Vite** Using Gemini API where the User can provide the query and they will get their desired output

Technologies Used: HTML,CSS,JavaScript,React,Gemini API

Machine Translation using NLP

[Link to Demo](#)

Developed a machine translation system to translate text from English to Telugu, leveraging advanced Natural Language Processing (NLP) techniques.Implemented a sequence-to-sequence (Seq2Seq) model with attention mechanism to handle the nuances of language translation.

Technologies Used: Python,Tensorflow,Keras, NLP libraries such as NLTK and SpaCy.

EDUCATION

2021 - 2025	Bachelor's Degree at IIIT Raichur	(GPA: 7.0/10.0)
2020	Class 12th	(95 Percent)
2018	Class 10th	(80 Percent)

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, React, Matlab, SQL, PHP, Bash

Developer Tools: VS Code, Anaconda, GPT API integration, Automation, Tableau, Power-BI

Technologies/Frameworks: GitHub, Kali Linux, OpenAI, API testing with Postman, Excel, TF/Keras/PyTorch, Google Cloud Platform (GCP)

Soft-skills: Leadership, Management, Teamwork, Communication, Creative thinking, Analytical & Problem solving

EXPERIENCE

Website Team member

July 2023 - Present

- Collaborated with Other developers and designers to maintain and update college official website.
- Implemented Website updates, including new content, design changes, and functionality improvements.