GOPU KALYAN

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EDUCATION

Bachelor of Technology in Computer Science   June 2020 - present
Jawaharlal Nehru Technological University College of Engineering Sulthanpur   CGPA - 7.86/10.00

- **Relevant Coursework:** Data Structures, Algorithms, Operating systems, Data Base Management Systems, Computer Networks, Software Engineering, Computer Architecture, Data Mining, Discrete Mathematics, Machine Learning, Compiler Design, Cryptography and Network Security.

SKILLS

Languages	Java, Python, C, C++, SQL, HTML, CSS.
Software and Tools	Linux, Windows, VScode, Jupyter Notebook, Github, Cybersecurity Tools (Wireshark).
Soft Skills	Leadership, Time Management, Teamwork, Communication, Accountability.

WORK EXPERIENCE

Full Stack Developer Intern   Sep 2023 - Oct 2023
Bharat Intern   [GitHub](#)

- Content Management Tool: Utilize full-stack development and drag-and-drop interfaces to create web pages with text, images, videos for blogs.
- Project Management Tool: Framework for social media sites where users communicate and assign tasks to others.

Front End Web Development Internship   June 2023 - Aug 2023
IBM-SkillsBuild   [GitHub](#)

- In-depth understanding of Front End Web Development, Including introduction to Web Development.
- Website Designing process and used basics of HTML programming using JavaScript.
- Websites with Style: CSS Properties, Colors, and Fonts, Career prospects for a Web Designer.

RESEARCH WORK

Kinesics Flash On System   Sep 2023 - present
Under Dr. G. Narsimha, Dept. of CSE   Hyderabad, India

- Conducted extensive literature review and research for Gesture and Face recognition to understand the theoretical foundations and state-of-the-art advancements in Computer Vision and Machine Learning.
- Designed and executed research experiments, gathering empirical data for analysis and implementation within the project framework.
- Proposed innovative solutions or methodologies based on research findings, contributing to the project's uniqueness and effectiveness.
- Collaborated with a team to discuss research methodologies and findings, contributing to comprehensive project documentation and reports.

OTHER PROJECTS

Concrete Abridgement Vitality Prediction   [GitHub](#)

- Concrete strength is also considered as a key factor in obtaining the desired durability. For testing strength, it will take 7 or 14 or 28 days this is a long time.
- By using machine learning and auto machine learning techniques with Keras Sequential model and Auto keras this problem can be solved, it predicts the strength of the concrete.

Kinesics Flash On System GitHub

- This project attempts to bridge communication gaps between the deaf and hearing communities by developing an innovative AI-powered solution.
- The system's machine learning component is then harnessed to convert the recognized kinesics into corresponding textual representations.
- This project is a way to help everyone communicate better and make sure nobody feels left out when they want to talk.

Tic Tac Toe Game GitHub

- Developed a console-based Tic Tac Toe game using C programming language.
- Successfully created a playable Tic Tac Toe game with error handling and win/draw detection.

EXTRA-CURRICULAR ACTIVITIES

- I actively engaged in a variety of both online and offline events organized by the National Service Scheme (NSS).
- I participated in and contributed to a college technical club by actively engaging in the organization and execution of a Hackathon event.
- Completed the Web Development Fundamentals and gained practical experience through a Frontend Web Development Internship offered by IBM SkillsBuild.
- Successfully achieved the HackerRank Java Certification by passing the Skills verification test for Java (Basic).
- Earned a Certificate from TCS ION upon completion of the Communication Skills course.
- Acquired the LinkedIn Skill Assessment Badge in C Programming Language, showcasing proficiency in the field.
- Recognized with the Academic Excellence Award for outstanding performance as Student of the Academic Year, maintaining excellent attendance throughout.

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