

GOPU KALYAN

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EDUCATION

Bachelor of Technology in Computer Science

Jawaharlal Nehru Technological University College of Engineering Sulthanpur

June 2020 - present

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

Web Developer

Witness Company Limited

Dec 2023 - Present

[GenCall](#)

- Worked with AI chatbot GenCall Project.

Full Stack Developer Intern

Bharat Intern

Sep 2023 - Oct 2023

[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

IBM-SkillsBuild

June 2023 - Aug 2023

[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

Under Dr. G. Narsimha, Dept. of CSE

Sep 2023 - present

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

E-Commerce Shopping Website

[GitHub](#)

- Designed and managed an innovative E-commerce platform, leveraging user-centered design principles and cutting-edge technologies to optimize the online shopping experience. Implemented robust backend systems for seamless transaction processing and integrated dynamic product catalogs for efficient inventory management. Utilized data-driven insights to enhance user engagement and drive conversion rates, resulting in increased sales and customer satisfaction.

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.

Project Mangement Tool

[GitHub](#)

- The project includes a framework of social media sites where users can communicate with one another. The users also get the functionality to assign tasks to others.

Content Management Tool

[GitHub](#)

- You can use the full stack development items and other drag-and-drop interfaces to create a web page that helps you add text, images, videos, and other elements required to create a blog.

EXTRA-CURRICULAR ACTIVITIES

- I have successfully completed a Scala certification program offered by DataFlair.
- 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.