

# Gopu Kalyan

Roll No.: 20SS1A0520

Bachelor of Technology

Jntuh University College of Engineering Sultanpur

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🔗 GitHub Profile

🌐 LinkedIn Profile

## EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** 2020-24  
*Jntuh University College of Engineering Sultanpur* CGPA: 8.2
- **Telangana State Board of Intermediate Education** 2018-20  
*Narayana IIT Academy* Marks: 976
- **Central Board of Secondary Education** 2018  
*Greenwood High School* Marks: 456

## PERSONAL PROJECTS

- **Is Driver at Fault? (Machine Learning)**  
*Built a model to know whether the driver who met an accident is at fault or not using classifiers like Catboost classifiers.*
- **Chat Application**  
*A react based web application which allow users to chat in real time with two local end-usrs to make instant messaging.*
- **Air Draw**  
*"Air Draw" that leverages motion-tracking technology to enable users to create digital artwork using hand gestures.*
- **Convex Optimisation**  
*Applied convex optimization to real-world problems for efficient and robust solutions.*
- **Tick tac toe**  
*The objective of the game is for one player to create a line of their own symbol (either "X" or "O") before the opponent does.*
- **Crawler for outreach**  
*This tool helps streamline the data-gathering phase of outreach efforts by extracting relevant data from various web pages*

## EXPERIENCE

- **Front End Web Development Internship** June - Aug 2024  
*IBM-SkillsBuild* Online
  - In-depth understanding of Front End Web Development, including Introduction to Web Development, Website Designing Process and software used Basics of HTML Programming Using JavaScript, Websites with Style: CSS Properties, Colors, and Fonts, Career Prospects for a Web Designer

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Java, Basic HTML+CSS

**Libraries :** C++ STL, Python Libraries

**Web Dev Tools:** VScode, Ubuntu, Windows, Jupyter notebook, Github

**Cloud/Databases:** Relational Database(mysql)

**Other Skills:** IOT, Web Development

**Relevant Coursework:** Programming for Problem Solving, Data Structures & Algorithms, Computer Organisation and Architecture, Computer Oriented Statistical Methods, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Analog and Digital Network.

**Areas of Interest:** Artificial Intelligence, Cloud Security, IOT based applications.

**Soft Skills:** Problem Solving, Self-learning, MS Excel, MS Word, MS PowerPoint

## POSITIONS OF RESPONSIBILITY

- **NSS Volunteer** Participated in various online and offline events conducted by NSS 2022
  - Helped to plant and presented on Rural children studies .
- **Technical Fest Volunteer** Participated in and contributed to a Technical club in college 2022

## ACHIEVEMENTS

- **HackerRank Java Certification** Passed the HackerRank Skills verification test for Java(Basic) 2023
- **TCS ION** Awarded Certificate for completing course on Communication Skills 2021
- **LinkedIn Skill Assessment Badge** C programming Language 2021
- **Academic Excellence Award** Student of the Academic Year and Regular Attendance 2018