# SHIVAMANI GANGARAPU

Hyderabad, Telangana - 500094

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## Education

**Indian Institute Of Information Technology, Kurnool**                                      **8.02 CGPA**
*B Tech in Computer Science and Engineering*                                                    *2021-2025*

## Technical Skills

**Languages**: C, C++, Python, JavaScript
**FrontEnd UI**: HTML, CSS, Bootstrap, ReactJs, Tailwind-CSS, WordPress
**Backend**: NodeJs, ExpressJs, Django
**Machine Learning**: SK Learn, TensorFlow
**Data Management**: SQL, MySQL, MongoDB

## Work Experience

**CompSci Technology Solutions (CSTS)**                                               **Jun 2024-Aug 2024**
*Software Developer Intern*                                                                         *Remote*

- Led a cross-functional team to develop a robust Certificate Generation platform with Django and React, streamlining processes reducing administrative workload by 40%
- Engineered a comprehensive end-to-end database management system in MySQL, optimizing query performance and data retrieval
- Spearheaded the development of Invoice Generation and Inventory Management project developed UI in PyQt and implemented server-side functionality using Flask

**Hyderabad Central University (HCU)**                                                 **May 2024-Jul 2024**
*Research and Project Intern*                                                           *Hyderabad, Telangana*

- Introduced and trained an advanced Telugu speech recognition model using Nemo Python to transcribe Telugu audio focusing on enhancing accuracy and performance
- Established a machine learning model for Telugu audio recognition, achieving a significant accuracy improvement; implemented training datasets that encompassed over 3 hours of diverse audio samples covering more than 200 telugu accents.

## Projects

**Hotel-Reservation** | *ReactJs, Bootstrap, NodeJs, MongoDB* | Link                         **Mar 2024**

- Designed a user-friendly website for hotel discovery that streamlined booking processes that enabled users to filter accommodations based on location, price,
- Developed a platform supporting both admin and clients for an end-to-end hotel booking experience, featuring an interactive user interface powered by React.

**CarrerLy** | *Flask, PHP, Django* | Link                                                   **Feb 2024**

- Devised an advanced KNN algorithm to process client skills data, allowing users to rate themselves across 15 different skills for classification.
- Provided personalized recommendations for the top 5 best career options based on the user's input, enhancing career guidance.

**Ekart** | *ReactJs, MongoDB, Express,NodeJs* | Link                                         **Jan 2024**

- Built an e-commerce website using the MERN stack, implementing user authentication, google login, pagination, filtering and cart-customization.
- Delivered a fully functioning and efficient ecommerce experience.

## Clubs and Organiztions

**Google Developer Student Club IIITDM Kurnool**                                        **Jan 2024-present**
*Management and Member of the Committee*

## Certifications

**Teachnook Internship Completion Certificate** | *Machine Learning* | Link

- Engaged in a 12-week intensive training program focusing on ML and DL, concluding with a CNN project on face recognition.

**Exposys Data Labs Certificate of Internship** | *Web Development* | Link

- Worked on concepts like HTML, CSS, and JavaScript, and developed an automated bulk email project with a custom interface.

**Goldman Sachs Software Engineering Completion Certificate** | *Software Engineering* | Link

- Completed a virtual internship on software engineering concepts through practical exercises and assessments.