Sree Naga Manikanta Katta

+91-8106616168 | manikantaksn28@gmail.com | [LinkedIn](#) | [Github](#)

EDUCATION

Indian Institute of Technology, Dharwad December 2021 – Present

Bachelor of Technology in Computer Science and Engineering *CPI: **9.21/10***

EXPERIENCE

Fresher December 2021 – Present

IIT Dharwad *Dharwad, Karnataka*

- I am an aspiring software developer seeking opportunities to collaborate with experienced professionals to contribute to collective success and growth.
- My goal is to contribute effectively to real-world projects, leveraging my technical expertise and enthusiasm for continuous learning to drive impactful outcomes.

PROJECTS

IIT Dharwad Student Portal | *HTML, CSS, Javascript, PHP, MySQL* | ⭘ February 2024

- Created a student portal during the Devhack 5.0 contest at PARSEC 2024, featuring lost and found reporting, event listings, and essential college links, enhancing campus communication and organization.
- Enhanced event participation through improved accessibility and streamlined event management processes within the student portal.
- Implemented an interactive discussion forum, fostering collaborative learning and knowledge sharing among students, resulting in a increase in student interactions within the college community.

IRCTC Database Management | *PostgreSQL, Python* | ⭘ October 2023 – November 2023

- Designed a PostgreSQL database system for IRCTC, focusing on table optimization techniques, which significantly improved query performance.
- Created a user-friendly Python-based command-line interface (CLI) to facilitate ticket reservations and cancellations, effectively reducing reservation processing time.
- Developed an advanced PostgreSQL database solution tailored for IRCTC, resulting in an enhancement in query execution speed, ensuring smoother and more efficient data retrieval processes.

Online Examination System | *HTML, CSS, Javascript, PHP, MySQL* | ⭘ October 2022 – November 2022

- Developed a web-based platform for educational institutions to conduct online quizzes and tests, enhancing user engagement through intuitive interface design.
- Implemented secure authentication and integrated features for quiz creation, real-time assessment, and result tracking.
- Designed a user-friendly interface for seamless navigation and efficient management of quizzes and assessments.

TECHNICAL SKILLS

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

Developer Tools: Git and Github, VS Code, LaTeX

Cloud/Databases: MySQL, PostgreSQL, Neo4J

Relevant Courses: Data Structures and Algorithms, Software Systems Laboratory, Databases and Information Systems, Operating Systems, Computer Networks, Artificial Intelligence, Design and Analysis of Algorithms, Software Development for Scientific Computing

ACHIEVEMENTS

- **Achieved a Top 30 position** among 100+ participants in the **'ALGOSTRIKE'** event at **PARSEC 3.0**, IIT Dharwad's annual tech fest.
- **Secured a Top 5 Position** in the web development category during the **'DEVHACK'** event held at **PARSEC 4.0**, the annual tech fest of IIT Dharwad.