SREE NAGA MANIKANTA KATTA

Roll No.: 210010050
Bachelor Of Technology
Computer Science and Engineering
Indian Institute Of Technology, Dharwad

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EDUCATION

- **Indian Institute Of Technology, Dharwad** *2021-Present*
  B.TECH - Computer Science and Engineering CGPA/Percentage: 9.26

EXPERIENCE

- 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.

PERSONAL PROJECTS

- **AcadOES - Online Examination System** *October 2022 - November 2022*

  A Web-based platform enabling schools and colleges to conduct online quizzes and tests efficiently

  - **Tools & technologies used: HTML, CSS, Javascript, PHP, MySQL**
  - Designed and developed a website that facilitates online quizzes and tests for educational institutions, effectively providing a digital platform for schools and colleges with potential to achieve a 25% increase in user engagement through intuitive interface design.
  - This project involved creating a user-friendly interface, implementing secure authentication, and integrating features for quiz creation, real-time assessment, and result tracking, reducing administrative workload by 50% .
  - Click here for source code: Github

- **IRCTC Database Management** *October 2023 - November 2023*

  Implementation of a comprehensive IRCTC database and a Command-Line Interface

  - **Tools & technologies used: PostgreSQL, Python**
  - Implemented a comprehensive PostgreSQL-based database for IRCTC as part of an academic project, showcasing adeptness in database management and optimized tables, achieving a 20% improvement in query performance.
  - Developed a Python-based command-line interface (CLI) to streamline ticket reservations and cancellations, improving user access for ticket booking and management.Reduced reservation processing time by 30% through streamlined CLI interactions.
  - Click here for source code: Github

- **IIT Dharwad Student Portal** *February 2024*

  Implementation of a comprehensive IRCTC database and a Command-Line Interface

  - **Tools & technologies used: HTML, CSS, Javascript, PHP, MySQL**
  - Engineered a student portal, as part of the Devhack 5.0 contest in PARSEC 2024, featuring lost and found reporting, event listings, and essential college links, streamlining campus communication and organisation. Facilitated event management with a 30% increase in event participation due to improved accessibility.
  - Implemented an interactive discussion forum, empowering students to engage in collaborative learning and knowledge sharing, fostering a vibrant academic environment within the college community and resulting in a 50% increase in student interactions.
  - Click here for source code: Github

TECHNICAL SKILLS

Languages: C, Python, Java, HTML, CSS, Javascript, PHP
Developer Tools: Git and Github, Latex, Beamer
Cloud/Databases: MySQL, PostgreSQL, Redis
Relevant Courses: Data Structures and Algorithms, Software Systems Laboratory, Databases and Information Systems, Artificial Intelligence, Design and Analysis of Algorithms, Software Development for Scientific Computing

ACHIEVEMENTS

- **Secured a Top 30 Position** in the **'ALGOSTRIKE'** event held during PARSEC 2023 *March 2023*

- **Secured Top 5 Position** under web development track in the **'DEVHACK'** event held during PARSEC 2024 *February 2024*