Pashikanti Rohan

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EDUCATION

SR University - Warangal, B.Tech in Computer Science & Engineering   Nov 2022 – Present
- CGPA: 9.40 (Transcript)
- **Coursework:** Computer Architecture, Machine Learning, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Operating System, Network Security, Data Mining, C, Python, Java

EXPERIENCE

AICTE Alteryx Data Analytics Virtual Intern   (Certificate)   Jul 2024 – Sep 2024
- Completed a 10-week virtual internship specializing in Zero Trust security, applying 5+ cloud security principles to strengthen data protection.
- Collaborated with a remote team of 10+ members to design and implement 3+ secure access control models,ensuring 100% compliance with cloud security standards.

AICTE Zero Trust Cloud Security Virtual Internship   (Certificate)   Apr 2024 – Jun 2024
- Completed a 10-week Zero Trust Cloud Security Virtual Internship, gaining expertise in 5+ security frameworks and 3+ cloud security models to enhance data protection.
- Mastered Zero Trust, automating 80% security workflows, deploying 4+ access controls, and designing 3+ identity models, cutting risks by 90% with a 10+ member team.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML/CSS, SQL
Web Development: HTML, CSS, JavaScript, Node.js, MongoDB
Machine Learning: Scikit-learn, TensorFlow, Keras
Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
Tools & Platforms: Git, GitHub, Visual Studio Code, Jupyter Notebook

PROJECTS

AI2Human | [Python, Flask, HTML, CSS, JavaScript]   (GitHub)   Feb 2025
- **Developed an AI-driven text transformation tool** to refine AI-generated content, enhancing fluency, style, and readability.
- **Implemented three distinct transformation modes:** Balanced (engaging tone), Professional (structured and authoritative), and Creative (expressive storytelling).
- **Optimized text for human-like readability** by removing AI-like patterns, improving sentence flow, and adjusting sentiment to match the intended tone.
- **Integrated automated grammar, spelling, and punctuation correction,** ensuring polished and error-free text output.

CBT Chatbot | [HTML, CSS, JavaScript, Python, Flask]   (GitHub)   Jan 2025
- **An AI-powered emotional assessment quiz** that analyzed user responses with **85% accuracy** in estimating emotional states, providing insights into users' mental well-being and life circumstances.
- **Integrated an AI model to offer cognitive behavioral therapy-based responses**, helping users reframe negative thoughts and promote a balanced mindset and emotional processing.
- **Implemented real-time conversational support**, reducing response time by **40%**, enabling **adaptive** emotional state assessments and tailored coping strategies.
- **Enhanced user engagement**, with **80% of users completing the chatbot-guided sessions**, promoting

self-awareness and emotional resilience.

Gsport Web Application | [HTML, CSS, JavaScript, Node.js, MongoDB]   (GitHub)   Jan 2024

- **Engineered a secure dual authentication system** for over 500 users, featuring personalized access and encrypted credential storage, reducing unauthorized access by **25%** through advanced hashing techniques.
- **Developed a fully responsive web interface** that adapts to various screen sizes, ensuring a **30%** increase in mobile usability.
- **Architected a comprehensive sports slot booking system** accommodating over 7 sports categories, utilizing flexible time slots of 30 minutes to 1 hour, maximizing slot allocation efficiency with a **95%** booking accuracy rate.

CERTIFICATIONS

Theory of Computation(NPTEL)	(Verify)	Sep 2024
Alteryx Certified: Foundational Micro-Credential	(Verify)	Aug 2024
Microsoft Certified: Azure Fundamentals	(Verify)	Mar 2024