Sreemai Annam

annamsreemai@gmail.com | +91-7989421399 | LinkedIn | Portfolio | GitHub

Leetcode | HackerRank | Credly

EDUCATION

SR University, Bachelor of Technology in Computer Science   Nov 2022 – Apr 2026
- GPA: 8.65 (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 Google Android Developer Virtual Internship   (Certificate)   Apr 2024 – Jun 2024
- Engineered Android apps with **98% bug-free performance,** ensuring high-quality output and seamless user experience. **Acquired** hands-on expertise in Android development, improving coding efficiency by **40%** through streamlined coding practices.
- Successfully completed the AICTE Google Android Developer Virtual Internship with a **92%** completion rate, demonstrating strong theoretical knowledge and practical application. Boosted app performance, reducing **runtime issues by 50%** through debugging and profiling techniques.

AICTE Generative AI Virtual Internship   (Certificate)   Jul 2023 – Sep 2023
- **Completed** the AICTE Generative AI Virtual Internship with **90% proficiency**, showcasing a deep understanding of Generative AI concepts. Innovated AI solutions that boosted **prediction reliability by 35%,** ensuring robust decision-making.
- Mastered Google Cloud's Generative AI models and tools, leveraging **Vertex AI, PaLM, and TensorFlow** for AI-powered applications. Refined AI techniques, improving **algorithm efficiency by 25%** through advanced model training and tuning.

TECHNICAL SKILLS

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

PROJECTS

CBT Chatbot|[HTML, CSS, JavaScript,Python,Flask   (GitHub)   Jan 2025
- **Formulated** an AI-powered emotional assessment quiz, achieving **85%** accuracy in estimating emotional states.
- **Integrated** cognitive behavioral therapy (CBT)-based AI models, delivering personalized emotional guidance that helped **70% of users** report improved thought clarity.
- **Maximized** user engagement, leading to **80% of users** completing chatbot-guided sessions, fostering self-awareness and emotional resilience.

Fitness Tracker Application |Python,SQLite,Tkinter,Matplotlib   (GitHub)   Dec 2024
- **Spearheaded** the launch of core functionalities within the fitness tracking app, incorporating progress monitoring tools, resulting in a 70% increase in user interaction through engaging visuals and personalized insights. **Introduced** essential features such as **BMI calculation, progress tracking, and customized recommendations**, enhancing engagement by 70% through interactive dashboards.
- **Devised** an intuitive GUI, improving usability by **60%**, incorporating features like goal setting, exercise logging, and personalized diet plans.
- **Expanded** user accessibility by integrating a **diet planner with 50+ meal suggestions** and a workout library

featuring **30+ routines** including YouTube tutorial integration.

Headache Prediction Based on Lifestyle and Occupation |Python,Seaborn   (GitHub)   Nov 2024

- **Architected** a machine learning framework to predict headache risks using lifestyle factors such as sleep duration, stress levels, and occupation.
- **Preprocessed** a dataset with features like **gender, age, BMI, and headache type,** ensuring data quality and accuracy through handling missing values and normalization.
- **Applied machine learning techniques**, leveraging RNN, GBM, SVM, and k-NN for advanced predictive modeling.
- Employed **Recurrent Neural Networks (RNN)** for temporal analysis, achieving the highest accuracy **84.44%** among tested models, including SVM, KNN, and Gradient Boosting.

ACHIEVEMENTS

- Led a team in the B-Tech College Hackathon conducted by SR University and secured a spot in the top 5 teams out of 50+ teams.   (Certificate).

CERTIFICATIONS

- Zscaler Zero Trust Associate (ZTCA)   (Verify)   May 2025
- Theory of Computation (NPTEL)   (Verify)   Sep 2024
- Data Structure and Algorithms (Coursera)   (Verify)   Oct 2023