# Sreemai Annam

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## 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

- Theory of Computation (NPTEL) (Verify) Sep 2024
- Data Structure and Algorithms (Coursera) (Verify) Oct 2023