PRASANNALAKSHMI MD

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Objective

Highly motivated Computer Science undergraduate specializing in AI and Data Science. Proficient in Java, Python, SQL, and full-stack development (HTML, CSS, JavaScript) with experience in web applications. Seeking to leverage technical expertise and strong leadership skills in a dynamic organization focused on innovative software solutions.

Skills

Programming Languages : Python, SQL, Java

Web Technologies   : HTML5, CSS3, JavaScript

Database   : SQL

Tools & Deployment   : Git/GitHub, VSCode

Soft Skills   : Communication Skills, Team Collaboration, Leadership, Time Management

Education

Siddharth Institute of Engineering and Technology, Puttur
(2022-2026)   BTech in Computer Science | 92.22%

Sri Sai Jyothi Junior College
(2020-2022)
HSC | 97.8%

Jnana Jyothi Vidya Mandir
(2019-2020)
SSLC | 85.5%

Project

Predictive Diagnostics For Chronic Disorders Using Machine Learning

1.Built a multi-disease prediction web app (Diabetes, Heart Disease, Parkinson's, Breast Cancer) using ML.

2.Applied Random Forest, Logistic Regression, and SVC on medical datasets for accurate predictions.

3.Designed a responsive frontend with user-friendly interface for patients and healthcare practitioners.

4.Added confidence scores & feature importance for interpretability and trust in predictions.

5.Focused on accessible healthcare solutions for early detection in underserved regions.

MedGenius – AI Powered Smart Healthcare Platform

1.Built machine learning models to predict diseases based on user symptoms and health inputs.

2.Designed and integrated an AI chatbot to handle real-time medical queries and guide users effectively.

3.Implemented an online doctor consultancy module to enable virtual medical support and appointment interaction.

4.Developed "Mensus" – a women's health feature that predicts menstrual cycles, tracks mood swings, and suggests personalized food habits and exercises.

RecoverEase – AI-Powered Drug Recovery

1.Implemented role-based authentication for recovering users, mentors, and admins.

2.Built peer counseling features with chat support and session scheduling.

3.Developed craving-control modules with diet plans, reminders, and habit tracking.

4.Designed a streak-based rewards system with progress dashboards and badges.

5.Integrated an AI chatbot with multilingual and voice support for 24/7 guidance.

Certifications

- NPTEL Certified on The Joy of Computing Using Python
- EDX Certified on Introduction to Game Development
- IBM Skillsbud certified on Artificial Intelligence Fundamentals

Achievements

. **Academic Topper– Computer Science Department(AIDS), 2026 –** secured 1st rank with 92.22%.

. **2nd Prize, Poster Presentation, SIETK(2025):** Recognized for outstanding visual communication and insightful content.

Language

English, Telugu, Tamil