# APARNA S

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## PROFILE SUMMARY

Aspiring engineer proficient in Python, SQL, and AI frameworks, with hands-on experience in building and optimizing algorithms for real-world applications. Skilled in Software Development with a strong foundation in coding and technology. Passionate about leveraging technical expertise to deliver impactful solutions, with a focus on innovation and continuous learning.

## EDUCATION

CGPA : 9

Amrita Vishwa Vidyapeetham, Amritapuri, Kollam

Bachelor of Technology in Engineering

## PROJECT WORK

CHURN PREDICTION ML MODEL (2024)

- •Designed and implemented different types of machine learning models to predict customer churn using a complex dataset.
- •Performed data preprocessing, feature engineering, and model evaluation to achieve high accuracy.
- •Tech Stack: Python, Pandas, Scikit-learn, Matplotlib.

SMART PILL DISPENSER (2024)

- • Developed a professional and user-friendly frontend for a smart pill dispenser using Flask, HTML, and CSS.
- • Implemented features for alarm management, manual control, and real-time updates.
- • Tech Stack: Flask, HTML, CSS, JavaScript.

LEAVE MANAGEMENT SYSTEM (2024)

- • Designed and developed a Leave Management System using PostgreSQL to efficiently manage and track leave requests for faculty and students.
- • Created a relational database schema and implemented CRUD operations for seamless record-keeping and approval workflows.
- • Tech Stack: PostgreSQL

## AWARDS AND CERTIFICATES

- • Introduction to Machine Learning Course On Datacamps(2023)
- • Introduction to Deep Learning Course on DataCamps(2024)

## SKILLS

- • LANGUAGES: Python ,SQL
- • FRONT-END DEVELOPMENT:  HTML,CSS,JavaScript
- • MACHINE-LEARNING
- • Tools: Git, VS Code