

Nangunuri Jaya Surya

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Education

SR University, Bachelor of Technology in Computer Science - AIML

Oct 2022 – 2026

- GPA: 7.7/10.0

- **Coursework:** Computer Networks, Computer Architecture, Machine Learning, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Operating System ,Data Base Management System,Operating Systems.

Technical Skills

Languages: C, Python, Java

Tools & Frameworks: Git, Visual Studio

Web Programming: HTML, CSS, JavaScript, BootStrap, NodeJs, ExpressJs

DataBases: SQL, PLSQL

Domain Knowledge: Web Development, Machine Learning, Data Science

Cloud: AWS(basics)

Projects

Water Quality Prediction | Python, Pandas, Google Colab

([GitHub](#)) Apr 2024

- The water quality prediction project using machine learning focuses on analyzing various water quality parameters to predict the status or safety of water.
- Machine learning models are trained on datasets containing attributes such as pH, turbidity, dissolved oxygen, and other indicators of water quality.
- Achieved accurate classification of safe vs unsafe water using scikit-learn with performance evaluation via confusion matrix and classification report..

Shop Billing System | C, Dev C++

([GitHub](#)) Jun 2023

- C language can be effectively used to create a shop billing system, as demonstrated in the provided code.
- This program manages billing tasks such as adding items with their name, price, and quantity, calculating individual item costs using their price and quantity, and generating a detailed bill.
- It also includes options for adding items, calculating the total bill, and exiting the system, offering an efficient solution for retail billing operations.

Experience

Google Android Developer Virtual Internship:

([Certificate](#))

Completed a Internship on Android Developer Virtual Internship.

Acquired hands-on experience in Machine Learning.

Certifications

Microsoft Azure certification-AZ-900

([Verify](#)) Mar 2024

AWS Academy Graduate - AWS Academy Cloud Foundations

([Verify](#)) Nov 2024

AWS Academy Graduate - AWS Academy Cloud Data Pipeline Builder

([Verify](#)) Nov 2024

Natural Language Processing using Python

([Verify](#)) Oct 2024

NPTL - Theory of Computation

([Verify](#)) Nov 2024