Jeniskar I

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# Summary

A highly motivated Computer Science student with a strong programming and web development foundation. Seeking opportunities to apply my skills in a challenging environment and contribute to impactful projects.

# Education

## B.Tech - Computer Science and Engineering

*Karunya Institute of Technology and Sciences, Coimbatore, Tamil Naduz May 2021 -July 2025*

Present CGPA: 6.07 (Sem 8)

## Class XII

*P.H.N.U.S.P Matric School, Palamedu, Madurai* Jun 2020 - Apr 2021 Percentage: 86.6%

## Class X

*P.H.N.U.S.P Matric School, Palamedu, Madurai* Jun 2018 - Mar 2019 Percentage: 88%

# Internships

## CISCO - Summer Intern

Jun 2022 - Jul 2022

* Developed a Python program to validate demonstrating proficiency in problem-solving and efficient coding techniques.
* Employed built-in libraries and functions to perform address validation and conversion, showcasing a strong under- standing of programming languages.

# Skills

## Programming Languages: Java

* **Web Development:** HTML, CSS
* **Tools & IDEs:** VS Code, Jupyter, PyCharm
* **Operating Systems:** Windows

# Projects

1. **Heart Disease Detection using Machine Learning** Dec 2023 - Apr 2024 Cardiovascular disease refers to any critical condition that impacts the heart. Because heart diseases can be life- threatening, researchers are focusing on designing smart systems to accurately diagnose them based on electronic health data, using machine learning algorithms. This work presents several machine learning approaches for predicting heart diseases, using patients’ data on major health factors.

## Deep Learning-Based Cardiovascular Disease Prediction System for Early Detection and Risk Assess- ment Dec 2024 - Present

The goal of this research is to apply deep learning to predict cardiovascular disease (CVD). For efficient analysis, the dataset’s numerous health-related characteristics—such as age, blood pressure, and cholesterol levels—are pre-processed by dividing continuous variables into distinct classes. The results highlight deep learning’s potential for precisely pre- dicting CVD and demonstrate how it might help medical practitioners identify patients who are at risk and enable early intervention. Artificial Neural Network is the model used to detect the Cardio Vascular Disease.

# Certifications

* + Big Data Computing
  + Introduction to Industry 4.0 and Industrial Internet of Things
  + Technical English for Engineers
  + Cisco – Programming Essentials in Python, Cisco Networking Academy
  + Google Data Analytics

# Languages

* + English
  + Tamil