

YESWANTH REDDY RACHAMALLA

Anantapur, Andhra Pradesh

+91-7981875023 [✉ yeswanthrachamalla@gmail.com](mailto:yeswanthrachamalla@gmail.com) [🌐 LinkedIn](#) [🐙 GitHub](#)

EDUCATION

Vellore Institute of Technology

*B.Tech - Computer Science and Engineering - CGPA - 8.6**

2021 – 2025

Chennai, Tamil Nadu

COURSEWORK / SKILLS

- Data Structures and Algorithms (DSA)
- Database Management System (DBMS)
- Operating Systems
- OOPS Concepts
- Computer Networks
- Machine Learning

PROJECTS

Student Management System [🔗](#) | Java Full Stack

2023

- Developed a Java Spring web app for student data management with robust **CRUD** functionalities. Oversaw a database of 1,000+ student records, ensuring efficient data handling.
- Integrated Spring Data JPA and Hibernate to handle database operations, connecting to a MySQL database.
- Achieved a 30 percent improvement in query performance through optimized database indexing and queries.

Cervical Cancer Risk Prediction Model [🔗](#) | Machine Learning

2023-24

- Built a model using data from 858 patients, including demographics, medical history, and lifestyle factors.
- Employed EDA, data visualization, and machine learning algorithms (XGBoost and Random Forest) with scikit-learn in Python.
- Achieved 93% accuracy with XGBoost and 95% with Random Forest.

My-Portfolio [🔗](#) | HTML, CSS, JavaScript

2022

- A website for my personal portfolio that highlights my accomplishments, projects, and skills.

Tic-Tac-Toe Game [🔗](#) | HTML, CSS, JavaScript

2021-22

- Developed a fully functional Tic Tac Toe game utilizing HTML, CSS, and JavaScript.
- Designed a Two player Responsive UI that adjusts to different devices and browsers, with JavaScript logic for game state management.

TECHNICAL SKILLS

Programming Languages: Java, C++, SQL, Python, JavaScript

Web Technologies: HTML5, CSS3, Angular, NodeJS, Angular

Developer Tools: Linux, VS Code, IntelliJ, Postman, Netlify, GitHub

Coding Platforms: LeetCode [🔗](#), HackerRank [🔗](#), GeeksForGeeks [🔗](#)

CERTIFICATIONS

- Azure Cloud Administrator (AZ-104)
- Java Full Stack Development - IamNeo
- Azure Fundamentals AZ-900 - Microsoft
- Software Development Engineer Role Certification
- The Joy of Computing using Python - NPTEL

EXTRACURRICULAR

Software Engineering Virtual Experience by Forage [🔗](#)

June - 2024

Software Engineering

Hybrid

- Understood relevant requirements for building a system to manage financial portfolios.
- Figured out what data the system needed to keep track of.
- Drafted a visual representation of the data as an Entity Relationship Diagram (ERD) and Presented the ERD using Java Persistence API(JPA).