

Karan Rakshe

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Education

Pune Vidyarthi Griha's College of Engineering and Technology, Pune	2021 – 2025
• B.E. in Computer Science – GPA: 8.31	
Loyola Junior College, Pune	2019 – 2021
• 12th HSC – Percentage: 93.67%	
Loyola High School, Pune	2019
• 10th SSC – Percentage: 90.60%	

Projects

Heart Disease Prediction

- Developed a machine learning model using KNN, Logistic Regression, and Naïve Bayes to predict the risk of heart disease based on previously obtained patient data.
- Built using Jupyter Notebook, Python modules like pandas, numpy, sk-learn.
- Achieved an accuracy of 78.69 with the best model (Logistic Regression and Naive Bayes)

Hospital Management System

- Built a menu-driven system using C++ for hospital administration. Managed patient records, doctor details, and appointments.
- Used file handling (fstream) to store and retrieve data. Implemented OOP concepts like classes, inheritance, and polymorphism. Designed an efficient search and update mechanism for hospital data.

E-Commerce Shopping Website

- A full-stack e-commerce platform using MongoDB, Express.js, React.js, and Node.js. Implemented backend functionalities to ensure smooth experience.
- Role-based authentication where users can browse and purchase, while admins manage the store.
- Made use of MongoDB as the database to store user details as well as product details.

Involvement

Media Team Member, ACES PVGCOET	August 2023 – August 2024
• Key Responsibilities: Created and managed digital content across social media platforms, promoting events, workshops, and initiatives to increase engagement and visibility.	
• Developed effective communication strategies to connect with the student community and support the organization's goals	
• Engaged with audiences by responding to comments, promoting events, and increasing ACES' reach through strategic content planning.	

Certifications

The complete data science bootcamp – Udemy
Career Essentials in Generative AI – Microsoft and LinkedIn
Career Essentials in Business Analysis – Microsoft and LinkedIn

Technical Skills

Programming Languages: Python, C, C++
Data Science: Jupyter Notebook, NumPy, Pandas, Seaborn, Matplotlib, Scikit-Learn
Web Development: HTML, CSS, JavaScript.
Tools: Github, Docker
Additional Skills: DSA, OOPs, DBMS, MongoDB, SQL,