GOPIKA P

B.Tech-Information technology (Data science(minor))

Contact

Phone
6380615080

Email
Gopikap.ug22.it@francisxavier.ac.in

Address
4/28, Nesavalar colony,
krishnapuram. Tirunelveli. 627 011.

Education

2015- 2022
Child jesus girls hr.sec.school.
Tirunelveli.
SSLC - 88%
HSC - 80%

2022-2026
B.Tech - IT (DATA SCIENCE)
Francis xavier engineering college.
Tirunelveli.

Expertise

- C programming
- C++
- Python
- HTML
- CSS
- SQL
- ML
- MS OFFICE(word, excel,powerpoint, accsess)

Language

English

Tamil

About

My self GOPIKA,P
Aspiring Software Engineer | 2nd Year IT Student
As a second-year Information Technology student at Francis Xavier Engineering College, I am enthusiastic about pursuing a career in software engineering. My academic journey has equipped me with a strong foundation in programming languages including C, C++, Python, and Java, as well as web technologies like HTML and CSS. My interest in machine learning has further enabled me to explore and contribute to projects that solve real-world problems.
I have consistently performed well academically, maintaining an 8.8 CGPA in my recent semester. My high school education at Child Jesus Girls Higher Secondary School, where I scored 88% in SSLC and 81% in HSC, laid the groundwork for my dedication and work ethic.
My practical experience includes developing a Crop Disease Detection system using AI (telebot), and predictive models for heart disease and brain stroke using machine learning. Additionally, I have built a Library Management System in C and a Quiz Application in Python. I have also completed various courses on platforms like Great Learning to further enhance my skills.
I hold certifications in MS Office (Word, Excel, Access, PowerPoint), C, and C++, and am eager to leverage my technical knowledge and problem-solving abilities in a software engineering role.

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Project Description

Project Name: **Crop Disease Detection(AI&ML)**
Procedure: The project began with acquiring a dataset from Roboflow, which was then preprocessed to ensure quality and consistency. A telebot was created on Telegram using the BotFather ID, which served as the interface for user interaction.
Final Output: The final output of the project allows users to upload real-time images of crops. The telebot analyzes these images to detect the presence and name of any disease, as well as the severity level of the disease.

Project Name: **Heart Disease Prediction and Brain Stroke Prediction(ML)**
Procedure: The project involved sourcing datasets from the Kaggle platform on Google. These datasets were then trained and preprocessed to ensure they were ready for analysis.
Final Output: **Heart Disease Prediction:** The model predicts whether a person is likely to suffer from a heart attack in the future.
Brain Stroke Prediction: The model predicts whether a person is likely to experience a brain stroke in the future.

Achivements

- NAAN MUDHALVAN DISTRICT LEVEL COMPLETED - WEB TECHNOLOGIES.
- PROJECT PRESENTATION - 1ST PRRIZE IN HOLLY CROSSS ENGINEERING COLLEGE
- PAPER PRESENTATION - TEAM WINNING 2ND PRIZE OVERALL WINNING.

Courses- certifications

- GREAT LEARNING COURSE - python, google studio analytics, Linux tutorial
- HACKERRANK - sql basic
- GUVI - autocad, chagpt.
- CISCO NETWORKING ACADEMY - Java script