

Navaneeth R



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Profile

Enthusiastic and dedicated BCA graduate with a passion for coding and technology. Proficient in Python and well-versed in web development, and various other programming languages. Possesses a strong foundation in computer science and an eagerness to stay abreast of emerging technologies. Experienced in developing web applications using Flask, as well as in machine learning and data analytics.

Education

2021 – 2024 Kollam, India	Bachelor of computer application <i>Amrita vishwa vidyapeetham, Amritapuri</i> CGPA : 8.0
2019 – 2021 Kayamhulam, India	Higher Secondary Education <i>Sree Narayana Central School</i> CGPA : 9.13
2018 – 2019 Kayamhulam, India	Secondary School Education <i>Sree Narayana Central School</i> CGPA : 9.66

Skills

Data Analytics

Proficient in creating machine learning models, data visualization, and data mining. Experienced in analyzing and interpreting complex datasets to provide actionable insights. Experience with data visualization tools such as Power BI

Programming Languages

Python, C, Java, HTML, CSS, Javascript,

Webdevelopment

Skillful in web development using flask framework.

Databases

Skilled in working with databases including SQL knowledge with systems like SQL Server Managment, Mysql, Postgres.

Experience

2023/12 – 2023/01

CodeSoft Intern

Successfully completed 4 weeks of a virtual internship program in Web Development with wonderful remarks at CODSOFT from 20/12/2023 to 20/01/2024

2021 – 2024

Ayudh

Hosted and Organized Ayudh events during various occasions.

Languages

- Malayalam
- English
- Hindi

Certificates

- Certificate of Energy Literacy 
- Google Digital Garage 
- Internship in Web Development 
- Make a Game Workshop
- Create a web application with python+Flask+PostgreSQL

Projects

2023 – 2024

Health Hub Connect

Doctor appointment booking website

Created a dynamic healthcare portal using Python, Flask, HTML, and CSS. Key achievements include:

Appointment System:

Doctor Search

Discussion Forum

Disease Identification

UI/UX Design

This project reflects my proficiency in web development, showcasing both technical skills and a user-centric approach to healthcare technology.

2024

Smart Farming: IoT-Driven Crop Yield Prediction for Rice Cultivation in India.

This project focuses on maximizing crop yields through the analysis of historical weather data, soil information, and real-time IoT sensor readings. We've trained various regression models to determine the best one based on mean absolute error and root mean squared error values.

To obtain live field readings, we've implemented IoT sensors such as pH sensors, DHT22 sensors, and rainfall sensors. The yearly average values of these readings are directed to a CSV file. The interface for this project is a web application created using the Flask framework.

Extra-curricular

Participated in CBSE Sahodaya Football
Competition in 2017-19

Hobbies

- Playing Football
- Dancing
- Reading Books