

Ankit Raj

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EDUCATION

Sathyabama Institute of Science and Technology

Bachelor of Engineering in Computer Science and Engineering (8.95 CGPA)

Chennai, Tamil Nadu

Sep. 2020 – April 2024

Ambika Bhawani Public School

12th (77.4 %)

Muzaffarpur, Bihar

April 2017 – March 2019

Ambika Bhawani Public School

10th (10 CGPA)

Muzaffarpur, Bihar

April 2015 – March 2017

PROJECTS

Let's chat: The real - time chat application | *ReactJS, Node.js, Express.js, Socket.io, cors*

July, 2023

- Developed a chat application which operates in real time
- Implemented the front-end of the chat app using React, creating a responsive and user-friendly interface
- Utilized Node.js and Express to build efficient server-side architecture for handling user requests
- Integrated Socket.IO to enable real-time communication between the server and clients, allowing instant messaging and updates
- Implemented CORS (Cross-Origin Resource Sharing) to enable secure and controlled communication between the client-side and server-side

Social Networking website with encryption | *ReactJS, Node.js, Express.js, MongoDB*

May, 2023

- Developed a social media website using the MERN (MongoDB, Express.js, ReactJS, Node.js) stack
- Integrated Google authentication for seamless and secure user login using OAuth
- Implemented end-to-end encryption to ensure secure communication and data privacy
- Developed a responsive and intuitive user interface using React.js, enabling users to interact with the social media platform seamlessly

Breast cancer prediction Model (Mini project) | *Machine learning, Decision tree, Python*

October, 2022

- Preprocessed and cleaned a relevant dataset, handling missing values, outliers, and feature engineering
- Implemented a breast cancer prediction model using decision tree algorithms, achieving accurate results in classification
- Split the dataset into training and testing sets for model training and evaluation
- Trained the decision tree model on the training data to learn patterns and decision rules for classifying breast cancer cases
- Evaluated the model's performance using appropriate metrics such as accuracy, precision, recall, and F1 score

TECHNICAL SKILLS

Languages: C++, JavaScript

Frameworks: NodeJs, Express

Database: MongoDB

Library: ReactJS

Developer Tools: Git, VS Code, Visual Studio, PyCharm

Others: Data structures and algorithms, Object-oriented Programming(OOPs), Database Management System(DBMS), Operating Systems, Programming Fundamentals(C, C++)

CERTIFICATES

Certification of participation in Level 1: E commerce (Flipkart Grid) (07/2022)

Certification of Excellence - Career camp — Introduction to Java (top performer) - Coding Ninjas

Certificate of Completion - Career Camp — Introduction to java - Coding Ninjas (10/2022)

45 hours professional Training on Artificial Intelligence -1 (Machine Learning) - Cogninot

INTERESTS

Coding

Problem Solving

Singing