

KEERTHANA SIRIPURAM

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<https://github.com/19N01A05A0>



https://leetcode.com/keerthana_siripuram/

OBJECTIVE

Driven by a desire to expand my horizons and tackle new challenges, I'm actively seeking opportunities in Full Stack Development. I'm eager to enhance my proficiency in frontend technologies such as JavaScript, React, and Angular, complementing my backend expertise to deliver end-to-end solutions that elevate user experiences.

EDUCATION QUALIFICATION

SREE CHAITANYACOLLEGE OF ENGINEERING, KARIMNAGAR

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science and Engineering

CGPA – 8.3/10

(Aug 2019-July 2023)

SR Junior College, Karimnagar

Board of Intermediate Education, Telangana

Higher Secondary Certificate (HSC)

Percentage – 98%

(March 2019)

St. Mary's High School , Kothapally

Board of Secondary Education, Telangana

Secondary School Certificate (SSC)

CGPA - 9.3/10

(April 2017)

TECHNICAL SKILLS

Backend Technologies:

- C, JAVA, PYTHON, Node.js

Web Technologies:

- HTML, CSS, JAVASCRIPT

Frameworks:

- ANGULAR, React

Database:

- MYSQL, Mongo dB

Certifications

Certified on basic java assessment from Hacker Rank.

Certified on MERN Stack development from Udemy.

Achievements

Secured District II in Sir C.V. Raman Science Talent Competition in 2007.

Internships

1. Data Structures and Algorithms Internship at Face prep.

August 2023 – October 2023.

- Collaborated with a team to mentor and guide fellow students in mastering Data Structures and Algorithms.

Technical Skills

- Proficient in Data Structures: Arrays, Linked Lists, Trees.
- Strong understanding of Algorithms: Sorting, Searching, Dynamic Programming.
- Programming Languages: Java, Python
- Problem Solving: Participated in online coding platforms like LeetCode and Hacker rank.

2. Web Development Internship at Twi learn.

October 2023 - December 2023

- ❖ Participated in the design and implementation of responsive and user-friendly front-end interfaces utilizing React.js. Assisted in creating interactive and dynamic components to enhance user engagement.
- ❖ Collaborated with the backend development team to design and implement RESTful APIs using Node.js and Express.js. Gained hands-on experience in routing, middleware, and server-side logic.
- ❖ Integrated MongoDB into the application for efficient and scalable data storage. Involved in database design, schema creation, and data manipulation operations.

Technical Skills

- Frontend: React.js, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js
- Database: MongoDB

WORK EXPERIENCE

1. Application Developer at IBM, Bangalore

December 2023-present

Working as an SAP ABAP developer with expertise in programming, Fiori/UI5, HANA integration. Proven record optimizing programs, enhancing user experience. Strong problem-solving skills.

PROJECTS

Hospital Management System.

Tech Stack involved:

MongoDB, Express, React, Node.js.

Our Hospital Management Systems, built on the powerful MERN (MongoDB, Express.js, React.js, Node.js) tech stack, is a comprehensive solution designed to streamline healthcare operations. offers a user-friendly interface for patients, doctors, and administrators, ensuring efficient patient management, seamless appointment scheduling, and streamlined administrative tasks.

Insurance fraud detection system.

Technology used:

Machine Learning

Programming used:

Python

This project aims to detect Insurance Frauds using Machine learning . Linear Dimensionality Reduction Algorithm is used in pattern recognition that best separate's different classes helps in identifying whether the given new instance belongs to Fraud or a non-Fraud instance. One hot Encoding technique is used for preprocessing the data which is collected from Kaggle Website.

Fake Product Identification System.

Technology used:

Blockchain

Programming used:

Python

This project aimed to enhance transparency and trust by enabling consumers to verify product authenticity using blockchain technology. It involves three actors named manufacturer who creates a QR code based on the details of products in a database, when the product reaches the consumer he verifies it by scanning and if the encoded details are present in the database then it is a genuine product.

PERSONAL INFORMATION

Name : S. Keerthana

Gender : Female

Date Of Birth : 12-08-2001

Father's Name : S. Bhadraiah

Mother's Name : S.Rama

DECLARATION

I hereby declare that the information provided is true to the best of my knowledge and belief.

Name: S. Keerthana

Place: Kothapally