

Thrishalini Dwaraknath

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EDUCATION

SRM University

B.Tech CSE w/s Cyber Security (CGPA: 8.54)

- CodeChef SRM , Data Science community

Kattankulathur

Graduation Date: July 2024

SKILLS

Skills: Node js | Data Structures and Algorithms | Competitive Programming | SQL Database | NoSQL | MongoDB | HTML/CSS | iOS Application Development (Storyboard, Swift UI, UIKit) | Xcode | Machine Learning | React Native | Open Cv | Deep Learning | Git | Linux/Windows System Programming | React Js

Languages: C / C++ / Swift / Python / JavaScript / Bash Scripting / Java

WORK EXPERIENCE

Infosys

iOS Application Developer Intern

Chennai

April 2023 – May 2023

- Worked on a collaborative project and learnt end-to-end software product delivery utilising **Jira**.
- Learned to build pertinent requirement documents and interactive UI/UX using **Figma**.
- Deployed a SaaS, functioning product based on **Node.js** , **Swift UI**, **UIKit**, **Firebase** and catered to Apple Mobile Application Standards.

Benchmark Business Software

Full Stack Developer Intern (React JS / Node JS)

Chennai

January 2022 – April 2022

- I was engaged with tasks assigned by the Backend team and learnt a lot in the process.
- Had developed basic Node Js / React Js projects and learnt the nuances of it.

PROJECTS

Node.js

- [Extinguish](#) :

* It is a dynamic B2B app that I spearheaded, to revolutionise the product destruction industry. This innovative platform seamlessly connects product destruction companies, inspectors, and auditors, streamlining operations and ensuring compliance. With user-friendly features, real-time tracking, and secure communication, "Extinguish" empowers stakeholders to log, track, and validate every step of the product destruction journey.

* Frontend: **Figma**, **Xcode StoryBoard(past version)**, **Swift UI (present)** and **Integrated Map kit**

* Backend: **Nodejs**, **express**, **aurora DB** , **AWS**

- [Hospital Management System Application](#) :

* The Hospital Management System app is a transformative solution that empowers healthcare providers to efficiently manage and enhance the overall workflow of a hospital .

* Frontend: **Figma**, **Xcode Swift UI** and **Integrated Payment gateway** .

* Backend: **Nodejs**, **express**.

- [Weather Application](#) :

* This Website gives the weather conditions of a given location

* **Mapbox API** is used to get location coordinates in JSON format

* **Weatherstack API** is used to get weather results based on the given location coordinates in JSON format.

React Native

- [Products Application](#):
 - * Listing products and maintaining user's accounts using react-native and expo-client module
 - * Libraries and Packages: hooks, expocustomfonts, MaterialCommunityIcons
- **Minor React Native projects**:
 - * **Dice app** - an app that simulates Dice rolls.
 - * **Drum app** - an app that simulates Drum sounds using Expo-av module.
 - * **Flipacoin app** - an app that lets the user toss a coin.
 - * **Texttospeech** - an app that enables speech to the given text input.

React Js ([Movies application](#))

- Users can see, add, delete movies to the collection, rate a movie and choose favorites using this website,
- Implemented Authentication and Authorization using **MERN**
- Library and Packages:
Raven, Axios, Bootstrap login form, JOI, Link, NavLink, lodash, proptypes

Machine Learning

- [RBI Analysis](#):
 - * The investment of RBI in different sectors were analyzed.
 - * The trend of the year-on-year growth of the economy of India was studied.
- [Mutual Fund Analysis](#) :
 - * An analysis was made to determine the investment, in terms of best return rate and volatility.

ACHIVEMENTS

Competitions

- **Competitive Programming** :
 - Won **First Price** in Engineers Day coding competition conducted by SRM NWC- CSE department.
 - Won **Second Price** at semicolon 8.0 conducted by SRM Hackathon
- **Conducted 'Code To Score' Coding Competition** from **SRM CodeChef : Guiding junior associates** to make an appropriate coding problem that fits the standards and shortlisting the coding problems that are to be mapped to the various rounds of the contest across multiple difficulty levels.