

# Tharuun M

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## EDUCATION

### AMRITA VISHWA VIDYAPEETHAM

BTECH IN COMPUTER SCIENCE  
Oct 2021 - Present | Coimbatore, IN

### SUNBEAM

CLASS 12 (CBSE)  
Jun,2019 - May,2021 | Vellore, IN

### BMD JAIN SCHOOL

CLASS 10 (ICSE)  
2018 - 2019 | Vellore, India

## SKILLS

### PROGRAMMING

- Python
- Java

### DATABASES

- MySQL

### TOOLS

- Android Studio
- VsCode
- Git/GitHub

## COURSEWORK

- DBMS
- OOPS
- DSA
- Computer Networks
- Blockchain

## ACHIEVEMENTS

- Won the 1<sup>st</sup> Prize at Ideathon, Amity University.

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional(Oracle University)
- Introduction to Android Mobile Application Development

## ACTIVITIES

- NSS Special Camp Coordinator: Led and managed teams of 50+ volunteers.
- Gokulashtami Event Manager: Coordinated with 10+ teams, enhancing collaboration and successfully executing the event.

## EXPERIENCE

### ALSTONIA CONSULTING LLP | INTERN (FULL TIME)

July 2023 - Aug 2023 | Chennai, India

- Gained a understanding of banking application architecture, backend operations, and load balancing.
- Collaborated with cross-functional teams to resolve technical issues, ensuring smooth backend communication.
- Gained practical understanding of key operational concepts, like maker-checker, and resolved issues through a ticketing system.

### SMAR TECHNOLOGIES PRIVATE LIMITED | INTERN DEVELOPER (PART TIME)

Sep 2023 - Nov 2023 | Coimbatore, India

- Designed and implemented a CRM system, streamlining customer management processes for SMAR Company.
- Built and enhanced a React-based web page, improving client tracking and follow-up processes.
- Created intuitive UIs in Figma to improve user experience and fulfilled organizational web requirements.

## PROJECTS

### SMART CITY MANAGEMENT SYSTEM

Jan 2024 - April 2024 | MySQL, HTML, CSS

- Developed a Smart City Management System to enhance communication, reduce response delays, and improve city management efficiency.
- Utilized Jira for task management, reducing project cycle time by 50% with structured story points and epics.
- Led all project phases from planning to coding, optimizing processes and improving overall project management.

### SECURE FILE STORAGE AND SHARING PLATFORM ON BLOCKCHAIN

Feb 2024 - May 2024 | Solidity, MetaMask, IPFS

- Implemented a secure file storage and sharing platform using Solidity on Ethereum blockchain, improving control and security in file management.
- Integrated IPFS and Pinata for decentralized hosting, ensuring secure and unique file identification to prevent unauthorized access.
- Integrated MetaMask for smooth user interactions and secure transactions, enhancing user engagement and trust.

### FALL AND ACTIVITY DETECTION SYSTEM WITH ALERT NOTIFICATION

Aug 2024 - Oct 2024 | Android Studio, TensorFlow Lite

- Developed a mobile app for fall detection by leveraging accelerometer sensor data to identify potential falls in real-time.
- Integrated TensorFlow Lite models for real-time activity monitoring.
- Built a user-friendly authentication system using SharedPreferences, enabling seamless login and signup functionality for users.

### PERSONALIZED RENTAL MATCHING SYSTEM

Aug 2023 - Dec 2023 | Regression, Classification

- Developed a predictive model to analyze rental inquiry interest levels and amenities, improving prediction accuracy.
- Built a personalized recommendation system tailored to user preferences and amenities, assisting customers in making informed accommodation choices.