GIRIDHARAN MANIKANDAN

Student

✉ giridharan.m.2023.cse@ritchennai.edu.in   ☎ 6374656110

⦿ github.com/girimanikandan   in linkedin.com/in/giridharanmanikandan-a49758296

FIELD OF INTEREST

Full Stack Java Development   Front End Development   App Development

PROJECTS

Smart EyeCare Android App: (In progress)

Developed Android app using **Kotlin** integrating light & proximity sensors.

Issues smart alerts and health tips for reducing eye strain.

Encourages good mobile habits and eye health awareness.

Weather checker:

Designed with **HTML**, **CSS**, **JavaScript**,**React js** .

Digital Principle Project:

Implemented **PCNF** and **PDNF** using logic gates.

Applied discrete mathematics for normal forms.

RESEARCH + PROTOTYPE

Python | PyTorch | Transformers(BERT) | FastAPI | Docker | Railway

Co-authored peer-reviewed research on detecting fake reviews.

Trained deep learning models with PyTorch.

Built prototype REST API with FastAPI, Docker, Railway deployment (WIP).

MINI PROJECT

BMI Calculator *React | JavaScript | CSS*

Developed a responsive BMI calculator using React for dynamic user interaction.

Implemented BMI logic with category classification and clean UI design.

CERTIFICATIONS

NPTEL: Database Management System

Google Cyber Security (Coursera)

Front-end Development (FreeCodeCamp, 2024)

Machine Learning Specialization (Stanford & DeepLearning.AI, 2025)

Completed certification in C-DAC Pune AI bootcamp

ACHIEVEMENTS

Published: Multimodal Framework for Fake Review Detection

Completed 1500+ problems in skillrack

Second Prize in College Debut

Paper Presentation at Saveetha College

PROFILE

Aspiring and detail-oriented Computer Science undergraduate specializing in full stack development and AI research. Experienced in building robust applications and collaborating on innovative projects with proven academic achievements and publications.

HACKATHON

participated in **tata technology** "Gaianet: Decentralized AI Wildlife Guardians"

participated in smart india hackathon "Smart Focus Mode System for Android with Voicemail Recording and Urgent Call Handling"

STRENGTHS

Quick learner with strong curiosity

Able to work independently and in teams

Adaptable and open to feedback

SKILLS

C, Java, MySQL, HTML, CSS, JavaScript, React

Database Management, Statistical Analysis

LINKS

⦿ GitHub
in LinkedIn

EDUCATION

Higher Secondary School John Dewey Matric Hr. Sec. School (2023)

Percentage: **91%**

Cut-off: **192.5 / 200** B.E. Computer Science Rajalakshmi Institute of Technology (2023–2027, In Progress)