THRISHIK SENTHILKUMAR

thrishik.s@gmail.com

EDUCATION

NIT TRICHY
B.Tech
MAJOR: Instrumentation and control engineering
Minor: Computer Science
CGPA: 8.41/10
JULY 2018-Present | Trichy, India

MAHARISHI VIDYA MANDIR
Class 11-12th Computer science
94% in 12th Boards
Grad. May 2018| Chennai, India
Class 9-10th
GPA: 9.6/10 in 10th Boards
Grad. May 2016| Chennai, India

LINKS

Github:// https://github.com/thrishik7
LinkedIn:// linkedin.com/Thrishik
Codechef:// codechef/Thrishik

COURSEWORK

UNDERGRADUATE
Machine Learning (online)
Data Structures and Algorithms
Database Management System
Linear Algebra Probability Theory
Circuit Theory
Digital Electronics
Microcontroller & Microprocessor
Signal & Systems
Analog & digital processing

SKILLS

TEAMS
Spider R&D Club
Databyte ML Club
Pragyan Social Responsibility Team

PROGRAMMING
Over 5000 lines:
C++ • Python • Javascript • PHP • Dart
Over 1000 lines:
C • CSS • Ethereum(Solidity) • nodejs • reactjs
Familiar:
HTML • tensorflow • Firebase • MySQL Django • Flask

ABOUT ME

I am currently pursuing my undergraduate B.Tech degree at National Institute of Technology (NIT -Trichy). I am interested in competitive programming and engaged myself working on projects involving machine learning and block-chain. I am more interested in contributing to society and my associations through my technical knowledge and skill.

EXPERIENCE

SPIDER, R&D CLUB OF NIT TRICHY | SOFTWARE DEVELOPER
AUG 2019 - Present
• Worked on node back-end for the Sportsfete application (inter-dept sports fest of NIT trichy), which serves all latest updates regarding the festival. Firebase was used as the backend Database.
• Worked on back-end for the ON-DUTY portal site - used for applying for ON-DUTY for various college related activites.
• Worked on the front end for spider orientation app using flutter (dart programming).This application aims to mentor the freshers of our college by giving them the task to gain their knowledge in tech.
• Actively involved in conducting workshops and other projects.

PROJECT

YOUR HANDS | HANDWRITING APPLICATION
This project aims to convert handwritten copies into the user's handwriting. Implemented using python with tensorflow. Multi-threading is used to train the model in a separate thread while the application is running.

HDYRA-PYTHON-AGENT | OPEN SOURCE PROJECT
Worked on implementing front-end features with React-js, visjs and debugging other minor issues. Added docstrings to the endpoints in the backend (python flask).

ROUTES FOR EVE | AN ML BASED WOMEN SAFETY APPLICATION
Worked on WEBAPP application to make a women's safety application "Routes for the Eve" using AI/ML algorithms. It helps to identify the safest route by crowd sourcing and we developed a panic button for a bot to talk to her close contact

TELEX | SOCIAL-MEDIA APPLICATION
Built **Social application** similar to facebook, Instagram with features including message system, group application, polling system etc, using PHP and javascript.

ACHIEVEMENTS

• **RUNNER-UP** of Pragyan Hackathon,2020 (among 60+ teams)
• **Top 5** finalist in Codeinbuild hackathon, Jaipur 2020 (among 100+ teams)