

THRISHIK SENTHILKUMAR

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EDUCATION

NIT TRICHY

BTECH INSTRUMENTATION AND
CONTROL ENGINEERING

CGPA: 8.25/10

JULY 2018-Present | Trichy, India

MAHARISHI VIDYA MANDIR

CLASS 11-12TH COMPUTER SCIENCE

94% IN 12TH BOARDS

Grad. May 2018 | Chennai, India

LINKS

Github:// <https://github.com/thrishik7>

LinkedIn:// [linkedin.com/Thrishik](https://www.linkedin.com/company/thrishik)

Codechef:// [codechef/Thrishik](https://www.codechef.com/users/thrishik)

COURSEWORK

UNDERGRADUATE

Machine Learning (online)

Data Structures and Algorithms

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:

PHP • C++ • Python • Javascript • Dart

Reactjs

Over 1000 lines:

C • CSS • Ethereum(Solidity) • nodejs

Familiar:

HTML • tensorflow • Firebase • MySQL

Django • Flask

ABOUT ME

I AM BTECH STUDENT IN NIT TRICHY INSTRUMENTATION AND CONTROL ENGINEERING AND MINOR IN COMPUTER SCIENCE. I AM INTERESTED IN COMPETITIVE PROGRAMMING AND ENGAGED MYSELF WORKING ON PROJECTS INVOLVING MACHINE LEARNING AND BLOCK-CHAIN. APART FROM THESE I AM MORE INTERESTED IN CONTRIBUTING TO OPEN SOURCE.

EXPERIENCE

SPIDER, R&D CLUB OF NIT TRICHY | WEB 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 activities.
- 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.

AWARDS

2020 2/60 Pragyan Hackathon, 2020

2020 Top 5 Codeinbuild hackathon, Jaipur