

Subash Aravindan

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EDUCATION

NIT TRICHY

B.TECH

Major : Chemical Engineering

Minor : Computer Science

Engineering

Expected JULY 2021 | Trichy, India

Cum. GPA: 8.6

VIVEKANANDA VIDYALAYA

Grad. May 2017| Chennai, India

Class XII Percentage : 96.2

Class X CGPA : 10/10

LINKS

Github:// [SubashAravindan](#)

LinkedIn:// [SubashAravindan](#)

COURSEWORK

UNDERGRADUATE

Basics of Programming

Algorithms and Data structures

SKILLS

PROGRAMMING :

C • C++ • JavaScript • Python • Shell

WEB :

Node.js • Laravel • HTML • CSS •
Angular.js • JavaScript • Express •
React • jQuery • PHP • Semantic UI
• Mocha

TOOLS AND DATABASES :

Git • MongoDB • MySQL • Linux •
Postman

ACHIEVEMENTS

- Winner of **Smart India Hackathon 2019**, claimed to be the world's biggest hackathon. (among 40000+ teams)
- Winner of **Pragyan Hackathon** (among 50+ teams)
- School topper in class XII and X exams conducted by CBSE
- Finalist in HackerTech'18, VIT Vellore

EXPERIENCE

VISTEON INDIA | SOFTWARE DEVELOPER INTERN

MAY 2019 - JUN 2019 | Chennai

- Design and prototype a **C** client which gathers vehicle data in real time and broadcasts it to local and remote clients using the **MQTT protocol**
- Built a driver monitoring system which monitors eye, head movements to alert drowsy drivers using Dlib and OpenCV

KLENTY | SOFTWARE DEVELOPER INTERN

NOV 2018 - DEC 2018 | Chennai | [klent.com](#)

- Built a complete web app with **Node.JS**, **Angular.JS** and **MongoDB** which extensively tracks and manages the activities of more than 1500 users and interacts with the database reliably and efficiently. In active **production use**.

DELTA FORCE | SOFTWARE DEVELOPER

Aug 2018 - present | NIT Trichy | [delta.nitt.edu](#)

- Developer at the programming club of NIT Trichy, which handles most of the development work for various college activities and festivals.
- Organised and taught in **Algorithms workshop** for freshers

AAVEG | HEAD OF WEB OPERATIONS

Oct 2018 - present | NIT Trichy | [aaveg.net](#)

[github.com/SubasAravindan/AavegWebsite](#)

- Led the Web Operations team of Aaveg, the Inter hostel cultural cum sports fest of NIT Trichy.
- Designed and built the UI and backend from **scratch** for the website of the fest which includes an admin panel(with CRUD functionality) for events and scoreboard . Built with **NodeJS** and **MongoDB**

PROJECTS

CODE CHARACTER Dec 2018 - March 2019

[github.com/delta/codecharacter-server-2019](#)

- An AI programming challenge for the **ISO certified** annual tech fest Pragyan, where players, using a high level API provided, control troops and occupy territories in a real-time strategy simulation.
- Built the backend server which enabled user registrations, code submissions, running simulations and communicated with the C++ based simulator and **React** based frontend using NodeJS and **MySQL**.
- 10,000+ matches by **1,300+ players** from over 70 countries.

FEST API Aug 2018 – Present

- Built the UI and backend for scoreboard module(admin and client) and event edit functionality.
- Web API which handles the entire operation of the college's cultural and techno-managerial fest. It provides modules for RFID card integration, registration, payment, accomodation, ticket sales among other things.
- Built using the **Laravel** framework. Used by more than **20k students** each year.

VIRTUAL FIT Mar 2019 – Mar 2019

- An ML based application that predicts body measurements using **Resnet-18** model that predicts body measurements from image.
- Winning project of **Smart India Hackathon 2019**