

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)
- Finalist in HackerTech'18, VIT Vellore

EXPERIENCE

KLENTY | SOFTWARE DEVELOPER INTERN

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

- Built an analytics product which analyses product usage metrics and onboarding metrics.
- 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 along with various pages for users and also an API which serves the android app. 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.
- Includes a 3D mannequin to validate measurements with customers and also builds a 2d layout for tailors to cut and thus speeding up the process
- Winning project of **Smart India Hackathon 2019**