

Sai Hemanth Beeraka

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

B.Tech in Computer Science

Engineering

Minor in Management

Started May 2016

Expected May 2020

Cum. GPA: 8.76

LINKS

Portfolio:// www.saihemanth.com

Github:// [shb9019](https://github.com/shb9019)

LinkedIn:// [saihemanthb](https://www.linkedin.com/in/saihemanthb)

Codeforces:// [saihemanth9019](https://codeforces.com/profile/saihemanth9019)

COURSEWORK

UNDERGRADUATE

Algorithms and Data Structures

Operating Systems

Internetworking Protocols

Compiler Design

Computer Architecture

Mobile App Development

Machine Learning

Natural Language Processing

Database Management Systems

Software Engineering

SKILLS

Proficient

C++ • JavaScript • PHP • SQL

Intermediate

Python • Solidity • Java

Web

React • Laravel • Spring • Node

Tools

Git • WebStorm • Docker

Postman • Linux

EXPERIENCE

D. E. SHAW INDIA | SOFTWARE DEVELOPER INTERN

May 2019 – Jul 2019 | Hyderabad | deshawindia.com

- Worked as a member of the Human Resources team on a full stack web application to manage the bookings of firm's multiple housing residences which was earlier done by a more rudimentary and error prone method.
- Used Java Spring Boot hosted on a Tomcat server for the backend and React-Redux for the frontend.

GMETRI STUDIO | WEB DEVELOPER INTERN

Nov 2017 – Jan 2018 | Bangalore | gmetri.com

- Improvised and added functionalities to multiple VR products of clients built using ReactVR and ThreeJS.
- Worked on company dashboard API which helped collaborate the multiple teams using a Node backend.

PROJECTS

CODE CHARACTER | JAN - MAR 2018 & JAN - MAR 2019

github.com/delta/codecharacter-web

An AI programming challenge where players, using a high level API provided write code to control troops and battle opponents in a real-time strategy game simulation.

- **10,000+ matches by 1,300+ players from over 70 countries .**
- Worked on the C++ simulator responsible for processing player code and simulating the game.
- Built the web app which enabled user registrations, code submissions, running simulations and communicated with the simulator using React-Typescript and Node.
- Handled the dockerization of the different components.

FESTEMBER & PRAGYAN | AUG 2017 - PRESENT

festember.com | pragyan.org

- Part of the team which developed and actively maintains the Content Management System for the cultural and technical festivals of NIT Trichy.
- Built from scratch on PHP and Laravel, the CMS aides the administrative actions to cater for over 8,500 students attending the college festivals.

ACHIEVEMENTS

2018 7th Rank

2018 14th Rank

2018 29th Rank

2019 5th Rank

2019 Candidate Master

2018 90th Rank/2885 Participants

2017 Winner/60+ Teams

2018 Winner/70+ Teams

2019 Winner/50+ Teams

2019 Winner/40+ Teams

ICPC Kharaghpur Online Contest

ICPC Amritapuri Online Contest

ICPC Kharghpur Regional Contest

Topcoder Humblefool Cup

Codeforces

Codeforces Round 472

Pragyan Hackathon '17

ETHIndia - Asia's biggest Ethereum Hackathon

Webbed - Speed Dev Event, Vortex NIT Trichy

IITM Shaastra BlockChain Hackathon