

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)

Spoj:// [saihemanth9019](https://www.spoj.com/users/saihemanth9019)

COURSEWORK

UNDERGRADUATE

Algorithms and Data Structures

Operating Systems

Internetworking Protocols

Automata and Formal Languages

Combinatorics and Graph Theory

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

- Created 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 for the server and React-Redux for the frontend.

GMETRI STUDIO | WEB DEVELOPER INTERN

Nov 2017 - Jan 2018 | Bangalore | gmetri.com

- Improved 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 Node.

DELTA FORCE | SOFTWARE DEVELOPER

Jul 2017 – Present | NIT Trichy | delta.nitt.edu

- Member of the programming club of NIT Trichy, which handles most of the development work for various college activities and festivals.
- Organized "Algorithms and Data Structures" workshop for three consecutive years which taught basic and intermediate concepts to help juniors get started with competitive programming.

PROJECTS

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

github.com/delta/codecharacter-web

An AI programming challenge for the annual tech fest Pragyan, where players, using a high level API provided, control troops and occupy territories in a real-time strategy game simulation.

- 10,000+ matches by 1,300+ players from over 70 countries .
- Built the web app which enabled user registrations, code submissions, running simulations and communicated with the C++ based simulator using React-Typescript and Node.

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.

AWARDS AND ACHEIVEMENTS

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|------|-----------------------|--|
| 2017 | Winner/60+ Teams | Pragyan Hackathon '17 |
| 2018 | Winner/70+ Teams | ETHIndia - Asia's biggest Ethereum Hackathon |
| 2019 | Winner/50+ Teams | Webbed - Speed Dev Event, Vortex NIT Trichy |
| 2019 | Winner/40+ Teams | IITM Shaastra BlockChain Hackathon |
| 2019 | 5th/400+ Participants | Topcoder Humblefool Cup |