

Sai Hemanth B

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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: 8.83

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

Networks

Automata and Formal Languages

Combinatorics and Graph Theory

Principles of Programming Languages

Computer Architecture

Mobile App Development

Machine Learning

Natural Language Processing

Database Management Systems

Software Engineering

SKILLS

Proficient

C++ • JavaScript • PHP • Solidity

Intermediate

Python • SQL • TypeScript

Web

React • Laravel • Truffle • Node

Tools

Git • WebStorm • Docker

Postman • Linux

EXPERIENCE

GMETRI STUDIO | WEB DEVELOPMENT INTERN

Nov - Dec 2017 | Bangalore | gmetri.com

- Improved and added functionalities to multiple VR products of clients built using ReactVR and ThreeJS.
- Worked on company dashboard API 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 which taught basic and intermediate concepts to help juniors get started with Competitive Programming.

PROJECTS

CODE CHARACTER | JAN - FEB 2018 JAN 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 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 and Node.

DMAPS | AUG 2018

github.com/PaiAkshay998/Dmaps

Developed a decentralized alternative to Google Maps where users are incentivised to contribute to the network and also use it by paying a small fee.

- One of the winning projects of ETHIndia 2018, Asia's biggest Ethereum Hackathon.
- Wrote contracts for the Ethereum blockchain using Solidity and deployed on Kovan test network.
- Used IPFS to store the data contributed by the users and the global map itself.

FESTEMBER | AUG 2017 & AUG 2018

festember.com

- Part of the team which developed the frontend which used a Content Management System developed by Delta Force (Github Link).
- Added features on the backend API for student registrations. The API, built on Laravel, also served an RFID card system used by more than 8500 students for identification and payments.

AWARDS AND ACHEIVEMENTS

2017	Winner/60+ Teams	Pragyan Hackathon '17
2018	Winner/70+ Teams	ETHIndia - Asia's biggest Ethereum Hackathon
2019	Winner/50+ Teams	CodeSurf - Algorithms Contest, Vortex NIT Trichy
2019	Winner/50+ Teams	Webbed - Speed Dev Event, Vortex NIT Trichy
2019	Winner/40+ Teams	IITM Shaastra BlockChain Hackathon