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: 8.81

LINKS

Portfolio:// **www.saihemanth.com**
Github:// **shb9019**
LinkedIn:// **saihemanthb**
Codeforces:// **saihemanth9019**
Spoj:// **saihemanth9019**

COURSEWORK

UNDERGRADUATE
Algorithms and Data Structures
Operating Systems
Data Communications and Networks
Automata and Formal Languages
Combinatorics and Graph Theory
Principles of Programming Languages
Computer Organization

SKILLS

Proficient
C++ • JavaScript • PHP • Solidity
Intermediate
Python • SQL • TypeScript
Web
React • Laravel • Truffle • NodeJS
Tools
Git • WebStorm • Visual Studio Code
Sublime Text • Linux

EXPERIENCE

GMETRI STUDIO | Web Development Intern
Nov - Dec 2017 | Bangalore | gmetri.com
- Improvised and added functionalities on multiple VR products of clients built using ReactVR and ThreeJS.
- Worked on API of company dashboard using NodeJS.

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 web and app work for various college activities and festivals.
- Conducted and organized "Basics of Algorithms and Data Structures" workshop to help juniors get started with Competitive Programming.

PROJECTS

CODE CHARACTER | Jan - Feb 2018
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 NodeJS.

DATA BRIDGE | Dec 2017
github.com/shb9019/DataBridge
Developed a data sharing web application which incentivizes users to share data on the blockchain based on trust.
- Winning project of Pragyan Hackathon 2017.
- Wrote contracts for the Ethereum blockchain using Solidity to store all the transactions over the app.
- Linked IPFS to web app for seamless data storage over a global blockchain.

FESTEMBER | Aug 2017
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	90th/2800+	Codeforces Round #472
2018	Winner/50+ Teams	Triathlon - CS Quiz Contest, Vortex NIT Trichy
2018	Finalist/50+ Teams	Webbed - Speed Dev Event, Vortex NIT Trichy
2018	4th/30+ Teams	Three's a Crowd - Team Coding Event, Pragyan