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**
LinkedIn:// **saihemanthb**
Codeforces:// **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 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.

ACHEIVEMENTS

Year	Rank	Event
2018	7th Rank	ICPC Kharaghpur Online Contest
2018	14th Rank	ICPC Amritapuri Online Contest
2018	29th Rank	ICPC Kharghpur Regional Contest
2019	5th Rank	Topcoder Humblefool Cup
2019	Candidate Master	Codeforces
2018	90th Rank/2885 Participants	Codeforces Round 472
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