

Nimish Santosh

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EDUCATION

SSN, Chennai, B.E. CSE
CGPA: 8.4
2017 - 2021

A.M.M School, Chennai, 12th Grade
Percentage: 97.6 %
2016 - 2017

A.M.M School, Chennai, 10th Grade
Percentage: 97 %
2014 - 2015

PROGRAMMING

LANGUAGES

JavaScript • Solidity • Python
Java • C# • C • C++

FRAMEWORKS / TOOLS

React • Redux • Web3.js • ethers.js
Truffle • Ganache • Metamask
NodeJS • MySQL • MongoDB
Elasticsearch • Unity • Blender

OPERATING SYSTEMS

MacOS • Linux • Windows

OTHERS

HTML • CSS • PL / SQL
Shell Script • LaTeX • Arduino

COURSEWORK

UNDERGRADUATE

- Data Structures and Algorithms
- Java, Python and C Programming
- Computer Networks, OS & DBMS
- Cryptography & Network Security

OTHERS

- Bits & Bytes of Networking
- Fundamental HTML CSS & JS
- Advanced CSS - Flex & Grid
- Advanced JavaScript by Kyle Simpson
- NodeJS with Express.js & MongoDB
- Modern React with Redux
- Neural Networks & Deep Learning
- Reinforcement Learning - Deep Q Methods
- Reinforcement Learning - Actor Critic Methods
- Blender Fundamentals

LANGUAGES

KNOWN

English • Telugu • Tamil • Hindi

EXPERIENCE

Alcrowd | SDE / ML Engineer | June 2021 - August 2022 | Remote
Python, Blender, JavaScript - Worked on various projects across different verticals; spanning across creating RL environments, using blender to create synthetic data, training DL models on the data and creating internal webapps using React.

Hippo Video | ML Intern | January 2021 - June 2021 | Chennai, India
Python - Worked on deploying various Computer Vision DL models for a variety of features across the company's platform.

Alcrowd | RL Research Intern | October 2020 - June 2021 | Remote
Python - Worked on a research project in Reinforcement Learning.

Verwin | SDE Intern | May 2019 - July 2019 | Chennai, India
NodeJS, React & Python - Was tasked with implementing elasticsearch and debugging the site. Also worked on a long-term project to automatically match CVs to Job Descriptions.

PROJECTS

Token Send | [LIVE](#) | [GITHUB](#)

July 2022 | Chennai

React, Solidity - Created a React web-app and a smart contract to transfer ETH to different accounts. The intention was to get familiar with best practices while using web3 libraries. Used ethers.js for this project.

Token Swap | [LIVE](#) | [GITHUB](#)

July 2022 | Chennai

React, Solidity - Created a custom token based on ERC223 and a Swap contract. Connected them to a React web-app that acts as the UI for the Swap using web3.js.

AR-Interact : Augmented Reality | [GITHUB-1](#) | [GITHUB-2](#)

September 2020 | Chennai

C#, JavaScript - Built an Augmented Reality application with Unity that lets you interact with virtual objects using your hands. Can be used as a controller to control browser media via a custom browser extension.

Sonic Sensor : Ultrasonic Communication | [LIVE](#) | [GITHUB](#)

July 2020 | Chennai

JavaScript, PWA - Created a social-distance assist that uses near-ultrasonic frequencies to gauge the distance between nearby devices and alerts the user accordingly.

Virtual Galaxy : VR Movie Platform | [DEVPOST](#) | [GITHUB-1](#) | [GITHUB-2](#)

September 2019 | Chennai

Javascript & Python - Worked on the P2P calling, voice commands and synced playback features of a React360 driven VR movie platform. Ranked 1st in Asia in the Devpost Facebook Hackathon.

SemEval : Vision & NLP | [GITHUB](#)

June 2019 | Bangalore

Javascript & Python - Created a smart subjective answer script evaluator and a platform to automate the entire process of answer script evaluation and result generation.

ACHIEVEMENTS

RUNNER UP | Alcrowd Blitz 2020 | May 2020 | Chennai

WINNER | Devpost Facebook Hackathon 2019 | October 2019 | Chennai

WINNER | YAH Hackathon | September 2019 | SVCE ACM, Chennai

WINNER | HackHub | March 2019 | VIT, Chennai

WINNER | Arduino code-off/workshop | September 2018 | SSN, Chennai

STREAM TOPPER | 97.6% in 12th boards | May 2017 | AMM School, Chennai