

Prathik Malireddy

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Education

University of California, San Diego

La Jolla, CA

Machine Learning and Neural Computation, B.S.

September 2019 - March 2022

Coursework: Genetic Algorithms, Object Oriented Design and Programming, Data Modeling & Analysis, Statistics & Probability, Linear Algebra, Multivariable & Vector Calculus, Data Science in Practice

Skills

Languages: *Python, Javascript, Lua, Java, Typescript, MATLAB, Solidity*

Tech and Tools: *Nodejs, Reactjs, GraphQL, Github, MongoDB, Docker, Tensorflow, Keras, Redis*

Experience

Walmart Labs, *Software Engineer Intern*

Remote, Jun 2021 - Aug 2021

- Built an API layer for the International Data team to wrap and operate on a pipeline I created which unifies varying information from various data acceleration layers.
- Created a data-source agnostic frontend to function despite the noise across data sources.

Minti [[website](#)], *Software Engineer Intern*

Remote, Mar 2021 - Current

- Designed and implemented full stack digital asset marketplace application in **Solidity** on the Matic blockchain using **Reactjs**, **ethersjs** and **Nodejs**

Food Haven [[website](#)], *Software Engineer Intern*

Remote, Nov 2020 - Mar 2021

- Assisted in full stack business dashboard and mobile app implementations along with Stripe Connect integration using **Reactjs**, **Nodejs**, **Redux**
- Implemented websockets, minimizing user rerouting and cutting down api requests by roughly **40%**, resulting in at least **10%** faster page loading times

Index Labs [[website](#)], *Co-founder*

Remote, Sep 2019 - Jul 2020

- Co-authored whitepaper to decentralize traditional financial indexes and constructed ERC-20 token standard smart contracts for platform currency in **Solidity**; architected governance system
- Developed website using **Reactjs** and contract communication mechanism via **web3js**

Gamely, *Founder*

Remote, Jun 2017 - Dec 2019

- Catered to **75k+** unique players. Reconstructed various codebases, reducing average latency by **~50%**

Projects

gweiFace [[github](#), [website](#)] - Automated randomization of 9,999 unique characters; deployed smart contracts to Ethereum Blockchain to sell as NFTs. Utilized **Python**, **Nodejs**, **Reactjs**, and **Solidity**. Data stored on **GCP** and fullstack hosted on **Heroku**

Liveplay [[github](#)] - Using Spotify API, Youtube audio ripper, and websockets to help serve live audio sharing. Built using **Nodejs**, **Mongodb**, **Reactjs**

Markeeter - **Python** app **scraping** census.gov and using Google Places API to find prime locations to advertise in

Certifications

Introduction to Tensorflow for Artificial Intelligence, Machine Learning, and Deep Learning - **deeplearning.ai**