Prathik Malireddy

malireddy.prathik@gmail.com | 510-509-0520 | linkedin.com/in/pmali | github.com/prmali

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], *Software Engineer*   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, *Software Developer*   Remote, *Jun 2017 - Dec 2019*
● Catered to **75k+** unique players. Reconstructed various codebases, reducing average latency by **~50%**

Projects

Atlas - Decentralized logistics management tool. Using **Nodejs** in addition to **GraphQl, Mongodb, Reactjs**

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**