

Prathik Malireddy

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EDUCATION

BSc. CogSci With Machine Learning, Neural Computation Specialization

Sep 2019 - Dec 2021

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Coursework: Genetic Algorithms; Object Oriented Design and Programming; Data Modeling Analysis; Statistics Probability; Linear Algebra; Data Science in Practice; AI Algorithms; Intro to Machine Learning II

WORK EXPERIENCE

MINTI | SOFTWARE ENGINEER INTERN

New York, NY | Mar 2021- Nov 2021

- Designed and implemented a full stack digital asset (NFT) marketplace deployed to the Polygon network. Wrote smart contracts in **Solidity**, and web application in **Nodejs** and **ReactJs**.
- Developed integration layer for various social media channels via **REST APIs**.
- Deployed into production using AWS Amplify and AWS EC2.

WALMART LABS | SOFTWARE ENGINEER INTERN

Bentonville, AR | Jun 2021 - Aug 2021

- Designed and built data abstraction layer under the International Data team in **Python** using the **Django** server framework and **GraphQL**.
- Abstraction layer aggregates information across various data acceleration layers such as **GCP** and Dremio via REST APIs and GRPC respectively
- Built a modular frontend in **React Typescript** to serve data coming in from the abstraction layer.
- Product was deployed into production due to successful completion of the MVP.

FOOD HAVEN | SOFTWARE ENGINEER INTERN

Remote | Nov 2020 - Mar 2021

- Assisted in development of full stack business dashboard and mobile consumer app using **React** and **React Native**.
- Managed a key feature, Stripe Connect integration, to allow merchants to start collecting revenue from consumers.
- Implemented **Redux** and **websockets** to minimize user rerouting, cutting server load in half and speeding page loading times by **10%**.

PROJECTS

AGORA

SOLIDITY, REACT, TYPESCRIPT, NODEJS | NOV 2021 - CURRENT

Extensible and composable market protocol for EVM-compatible blockchains. Additionally, providing a no-code market set up for merchants and UGC features to developers.

SCNR

PYTHON, ASYNCHRONOUS | JAN 2021

Metadata scanner for NFT projects, utilizing proxy rotation and asynchronous patterns to result in analysis timings competitive to top tools.

MARKEETER

PYTHON, SELENIUM, SCRAPING | FEB 2020

Script to scrape census.gov website and utilize Google Places API to find prime advertising locations based on ZIP codes and demographics.

LIVEPLAY

NODEJS, REACTJS, MONGODB, WEBSOCKETS | JUL 2019 - DEC 2019

Radio rooms to chat with friends and listen to music together simultaneously. Music lists being pulled from Spotify and audio being ripped from Youtube.

SKILLS

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

Technology: NodeJs, Django, GraphQL, MongoDB, ReactJs, Git, AWS, GCP, Docker