

Frankie Primerano

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• New Jersey

Experience

Full Stack Engineer (Contractor) - Learn Do Learn

March 2020 – Present

- Working on a skill learning platform as a solo freelance developer
- Building REST API with Django and Django Rest Framework
- Implementing frontend design created by product designer
- Building frontend application with Flask and VueJS
- Heavily focusing on code quality, complete test coverage, and thorough documentation as the code will likely be handed off to a different developer once the initial version is complete.

Research Engineer - New Jersey Institute of Technology

February 2019 – April 2020

- Worked on project for the Office of Naval Research to help ship captains plan more efficient routes.
- Built web application that was used in experiment at the Naval Postgraduate School.
- Joined team of less experienced engineers and helped to implement proper software development best practices (automated testing, use of version control, use of frameworks).
- Extensive work creating tools to visualize high dimensional data using Python, Javascript, and Tableau.

Founder & Lead Software Engineer - geo-info (geo-info.co)

August 2019 – Present

- Built a Reverse Geocoding API that allows developers to turn coordinates into human readable locations.
- Designed custom ETL system that extracts data from various sources (openaddresses.io, whoseonfirst, geonames), normalizes this data, and uploads the data to an Elasticsearch cluster.
- Designed the system to be heavily modular allowing for the plugging in and out of different datastores (Elasticsearch, MongoDB, Postgres)
- Entire pipeline and web application is implemented in Python

Founder & Lead Software Engineer - Proxy Orbit (proxyorbit.com)

July 2019 – Present

- Built a service that extracts web proxy servers from different and serves the working ones in an easy to use RESTful API

- Created highly modular ETL system that pulls from different free proxy websites around, filters out those that are not working, and enriches the data of those that are using a geoip database (maxmind.com)
- Build website and API using Python (Flask), MongoDB, and HT
- Build data pipeline in Python

CoFounder & Lead Software Engineer - FexToolkit (fextoolkit.com)

December 2019 - Present

- Working on a Final Expense life insurance underwriting tool for Final Expense agents.
- Created ETL system in Python that extracts and transforms Final Expense quoting data from various different companies (Prosperity, Foresters, Liberty Reserve, Mutual of Omaha, and many others)
- The normalized data is inserted into a Postgresql database and used by Final Expense agents for their underwriting.
- Came up with consistent data model that normalized inconsistencies across the different Final Expense insurance companies.
- Developing Django API that serves a mobile and web version of the underwriter.
- Building a mobile app using Flutter (Dart).

Software Engineer - Passel Inc

April 2017 - January 2019

- Implemented and shipped personal VPN client written with Electron, Node, and VueJS.
- Joined early stage internet privacy focused startup as lead software engineer.
- Created a custom web interface for a mobile OpenWRT router called Filter.
- Built and managed VPN server infrastructure.
- Main technologies used include: Python (Flask), Electron, VueJS, PHP, and MongoDB.

Software Engineer (Contractor) - Superteam Inc

April 2018 - July 2019

- Worked as a contract Django developer working on real time location based applications.
- Developed backend for an Uber for Limos style mobile application.
- Developed backend for a parking spot rental service.
- Main technologies used include: Python (Django, Flask), Redis, PostgreSQL, Tile38, Docker.

Software Engineer - TagMe Inc

Sep 2016 - Jul 2017

- Developer Python (Flask) backend for a social video application
- Used Amazon S3 to store video and image information
- Created REST API for serving the videos and images

Software Engineer - FASHIONBOSS

Jan 2016 - August 2016

- Worked on web application to help small business owners manage their day to day operations
- Integrated various APIs (Plaid, Stripe, Google) and used the information to create a recommendation engine for the user
- Developed a REST API used by the frontend developers to get recommendations and control the user's dashboard.

CoFounder & Software Engineer - Verica.io

Jul 2015 - Jan 2016

- Veruca was a tool that helped recruiters vet candidates
- Created web scraping tools in Python that extracted client information from various sources.
- Normalized client information from different sources and made it searchable via a MongoDB database
- Web application and web scraping tools built with Python

Skills

- Extensive Python experience
- Extensive Javascript and NodeJS experience
- Extensive Electron experience
- Frontend Web Development (VueJS, ReactJS, LitElement, HTML/CSS/Javascript)
- Extensive Linux experience (Ubuntu, CentOS)
- MySQL, Postgresql, SQLite and Oracle
- Backend Web Development (Django, Flask, NodeJS, PHP)
- Mobile app development experience with Dart (Flutter)
- Other languages: C/C++, Go, Dart

Education

Bachelor of Computer Science • New Jersey Institute of Technology