PAUL
MALTSEV

New York, NY
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TECHNICAL SKILLS

Python (Django, DRF)	Ruby (Rails)
Javascript (React, Backbone, Stimulus)	Solidity
C++	Terraform
Docker	AWS

PROFESSIONAL EXPERIENCE

Jan 2021 - Nov 2021 Ravacan - Software Engineer (Back End)

- Created a Graph data structure (both in DB and in memory) to model an assembly line. Implemented graph algorithms (BFS, DFS) to compute assembly cost and expose APIs for Front-End rendering.
- Created a custom NLP classification interface (using sklearn) which, given a dataset performs data preprocessing, vectorization, training, and picks the best classifier based on Grid Search.
- Designed and built user customizable reporting dashboards with advanced filtering on a large dataset (charts contain time series and can be grouped by multiple entities).
- Improved Ravacan's infrastructure stack (Docker, Terrafor & AWS).

Jan 2016 - Jul 2016 Westfield Labs - Front End

- Designed and built a Javascript library (for westfield.com) which provides a simple interface to gather complicated analytics and sends them to Google Analytics. This improved the developers' experience when adding new pages and/or analytics to the website.
- Worked on the client side of Westfield.com Accounts. Built the auth and shopping transaction systems.

Oct 2014 - Oct 2015 Zenti - Full Stack

- Training Tool: Designed & built from the ground up a Ruby on Rails app used internally to strengthen the classification algorithm. The user can create classifiers, pull tweets and manually classify them (via API calls to the back-end). The training app was an essential internal tool for lead generation.
- Was responsible for the front-end of all internal and client facing apps.

Jan 2014 - Aug 2014 [Propane](#) - Front End

- Built the front end layout of large scale websites for: Ocean Mist, Grocery Outlet, Blurb, and Kaiser Permanente.
- Built a [Store Locator](#) in Backbone.js utilizing GroceryOutlet's and Google's Location APIs.

EDU

2020 - B.S. in Applied Mathematics from U.C. Davis (w/ minor in CS).