SYD STRZEMPKO

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SKILLS

Languages
Javascript/Typescript
Python
SQL
Ruby

Frontend Frameworks
React
Angular
Vue

Web App Frameworks
Node.js
Express
Rails
Flask
Tornado

Development Tools
Git/Github incl. submodules
Datadog
LaunchDarkly
Postman
GA4 Google Analytics

Deployment Tools/Hosting
Jenkins
AWS (S3, EC2)
Docker

EDUCATION

TUFTS UNIVERSITY, Medford, MA

2018   B.A., Computer Science

EXPERIENCE

INSTALL TRACKER TEAM, SUNPOWER CORP.
2022-2024   *Full Stack Software Engineer*
- Built out new feature API and UI framework, communicated with PM and cross-team developers to establish new data entity expectations
- Integrated AWS Chat Client into app to improve and track customer intermediary feedback/troubleshooting
- Leveraged Google Analytics GA4 custom dimensions and created explorations to garner insight into customer activity

PRODUCT TEAM, FULCRUMPRO INC.
2020-2021   *Software Engineer*
- Aggregated, transformed, and projected RxJS observables from numerous endpoints into component-specific response streams
- Implemented asynchronous DB LINQ queries on endpoints to efficiently fetch multiple data sources for response
- Integrated PM feedback to create polished, flexible UI components

PRODUCT TEAM, AUNT BERTHA
2020-2020   *Full Stack Developer*
- Utilized custom time-bounded digest decorator on API endpoint to aggregate requests into a standardized response behavior
- Architecture reviewed, gathered feedback on, and implemented new relational DB architecture to expand business logic insight
- Debugged crucial email-embedded CSRF token workflow for single-use update links provided for clients

PRODUCT WORKFLOW TEAM, YONDER
2019-2020   *Full Stack Developer*
- Wrote and standardized CRUD API operations across services
- Wrote complex SQL queries and upsertions to aggregate analytics data and move output between databases
- Performed Alembic database migrations to modify existing tables, create new tables, and define foreign-key/backref relationships
- Constructed frontend dashboards and charts to display data
- Implemented parameterized testing; populated local databases, mocked M2M request responses and authorization decorators

LOBBYVIEW DATABASE, MIT DEPT. POLITICAL SCIENCE
2017-2018   *Full Stack Developer*
- Spearheaded the design of a new website with new query filters, word-parsing n-gram cloud visualization
- Overhauled dependency management, Gulp build process, and Angular component architecture
- Upgraded ElasticSearch version; Rebuilt custom query functions

PROJECTS/COURSEWORK

Neural Network, *Self-Directed*
- Built a web app to support an interactive tensorflow-framework neural network classifier
- Used a trained model against canvas input to predict digits drawn by the user

IBK v J48 Classification, *Intro to Machine Learning*
- Demonstrated iterable kNN and decision tree learning on multi-feature classification sets
- Graphed best test set accuracy as a product of variation in features vs train set size