

Alexander (Avi) Tannenbaum

(347)-968-8142

starshows@gmail.com

Los Angeles 90046

<http://github.com/starshows>

AviTannenbaum.com

Skills

Programming Languages: PHP, Javascript ES5+ES6, Shell, HTML, CSS, SCSS, REACT, Express, Python, D3.js

Systems: Linux, Mac OS X, MEAN, MERN, Ubuntu, LEMP, LAMP, linode, Git, AWS

Languages: Hebrew (Fluent), English (Fluent)

Relevant Work Experience

SENIOR SOFTWARE ENGINEER (FULL-STACK - JAVASCRIPT / PYTHON)

ELEPHANT VENTURES LLC / MCKINSEY & COMPANY - REMOTE SINCE COVID - MANHATTAN, NY (FULL TIME 2019 - PRESENT)

- - Developed and helped plan tech approaches for developing a full-stack HIPAA compliant architecture using express.js / sequelize / react js web stack.
- - Deployed and configured Jenkins jobs using Gradle and docker to automate integration testing, UI builds, and database migration.
- - Developed responsive and pixel-perfect front-end REACT.js web components and pages and worked with designers through figma, zeplin and invision.
- - Developed a custom CMS system with features like user management, authentication, drag and drop using express.js on the backend, react.js on the frontend, MariaDB on the database side.
- - Created REDUX actions, reducers, and methods to handle REST crud endpoint methods. on the client side
- - Developed backend EXPRESS + Sequelize + sql REST routers and endpoints to handle incoming data requests.
- - Developed swagger API docs for proper API documentation.
- - Helped refactor old code, cleanup js methods, and maintenance best practices throughout the team and including setting up and discussing team code lint standards.
- - Wrote documentation for code developed in every release closed in the sprint and demonstrated features built to stakeholders.
- - Mentored junior developers on best coding practices and git-flow practices.
- - Developed integration tests using JEST.
- - Developed Airflow DAGs (Directed Acyclic Graphs) in python to automate Newman (postman CLI) rest APIs to a QA server for reporting successful HTTP 200 Response Codes.
- - Created complex d3.js visualizations, integrated custom maps and manipulated SVG to present custom data to the UI.

SOFTWARE DEVELOPER (FULL STACK ENGINEER - AURELIA.JS / JAVASCRIPT ES6 / EXPRESS.JS)

OVERPASS LLC - NEWARK, NJ (CONTRACT MAY 2018 - JULY 2019)

- - Developed a complex web-based software frontend using Aurelia.js, Javascript, HTML, CSS and SCSS.
- - Developed node.js express.js backend methods to handle CRUD functions.
- - Developed middleware and sequelize methods to handle data read / write / delete/ update functionality needed.
- - Contributed to existing code by adding new features and fixing bugs
- - Lead the company initiative for UI standardization of web components for other teams to use
- - Used Jira for ticket tracking and git flow for version control with a large team of developers
- - Worked in an agile environment (standups, refinements, planning etc.)
- - Worked closely with the QA team to resolve bugs at a fast pace environment
- - Created documentation to shape and define the code standards for the front end for the Overpass developer team.
- - Developed responsive and fluid mobile-first components that were later composed into pages and were properly linked.
- - Wrote confluence documentation to ensure code accessibility standards were implemented and provided crucial code reviews on git pull requests.
- - Worked closely with Lead and junior UI and UX designers to develop pixel-perfect, user-centric, fluid, and responsive front-end components.
- - Worked closely with the design team and CTO to build a living style guide as a frontend initiative for the system consistency using a storybook.js

SOFTWARE DEVELOPER (FRONT END - REACT JS)

MAKEABLE LLC (SUBCONTRACTOR WITH CHOP'T SALAD INC.) - NEW YORK, NY (CONTRACT NOV 2017 - MAY 2018)

- - Developed responsive, cross-browser tested, fluid REACT js components and containers for the entire checkout process of the chopt salad platform in use today.
- - Worked with one more developer and a team of designers and product people to produce a pixel-perfect UI.

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- - Converted Zeplin designs to clean responsive react web systems.
- - Integrated Braintree API into the app to process payments and order objects.
- - Lead conversations with backend engineers to coordinate the JSON object architecture for salad orders.
- - Deployed the react builds to high-traffic user environments with 0 downtimes after QA testing on BrowserStack using AWS EC2 and git.
- - Updated production hotfixes to server-client site content carefully directly to the AWS EC2 instance after backup, such as store hours jsons and menu items. including the menu item svg's.

FULL STACK WEB DEVELOPER (FULL STACK - ANGULAR 2 + 4 (TypeScript)/ PHP WORDPRESS REST API)

WR1 INC - NEW YORK, NY (CONTRACT MAY 2017 - NOV 2017)

- - Developed a responsive interactive frontend using Angular 2, typescript css and html.
- - Performed cross-browser testing
- - Setup self-hosted WordPress installation to be used as a headless CMS.
- - Connected the angular 2 frontends to the WordPress headless CMS using restful API methods (CRUD)
- - Worked with the stakeholders to design, develop and integrate the web-based platform with the ios app and worked closely with the ios backend engineer to coordinate data flow.

PHP FULL STACK WEB DEVELOPER

PIPS ISLAND INC. (CONTRACT DEC 2016 - MAR 2017) - NEW YORK, NY

- Developed and maintained custom wordpress themes using Javascript and css transform manipulations and interactivity. Used a PHP and wordpress as a headless cms.
- - Added features to the site including Mailchimp integration, video streaming, mouse position-based page interactivity and timed play of videos and svg animations.
- - Configured and maintained the prod and dev server.
- - Managed deployment and connected html elements to wordpress custom fields
- - Setup LAMP servers with Linode.
- - Created an automation PHP script to automate complex tasks like changing data, colors and positions of items from the cms to the custom theme..
- - Used gulp.js to build the animation-heavy website for optimization

SOFTWARE ENGINEER -MEDICAL CORPS DATABASE PROGRAMING

ISRAELI DEFENSE FORCES (MILITARY OCTOBER 2012- OCTOBER 2014) - JERUSALEM, ISRAEL

- Developed a secure and custom web-based CRM system with PHP as my backend language SQL for database queries and HMTL, CSS, Javascript for the front end setup new LEMP Stacks for production staging and development
- Built various internal systems managing high-level security medical information.
- Implemented advanced technical and software solutions for multiple divisions in my unit.
- Developed the internal public website for the soldiers with top security in mind.
- Developed integrations with VoIP hardware, Barcode scanners, and label printers.
- Developed other data managing systems for the IDF health division.

Additional Professional Experiences

Software Developer+ IT Manager, **AIB Express Logistics**, New York, NY (contract)
Dec. 2016

May 2016 -

Wordpress/PHP Developer/ios swift, **StarShows Studios** (freelance), Israel
2006 - May. 2017

Feb.

Education

High School Diploma - Computer Science Concentration
September 2012
Orot Yehuda - Efrat, Israel