

Alex Tannenbaum

Web App Development, Management, Back End Engineering, Network Administration, and Front End Engineering Specialist.

Phone: +1 347-968-8142 Email: alex@alex-t.io Profile Site: AlexT.io LinkedIn: [linkedin.com/in/alexandertannenbaum](https://www.linkedin.com/in/alexandertannenbaum) Git: github.com/StarShows Address: 1474 5th Ct, Santa Monica, CA 90401

Experience

McKinsey & Co.

Sr. Full Stack Engineer

2019 - 2023

Focused Technology Partner for McKinsey & Co.'s Clients, Elevating Revenue and Efficiency through Cutting-Edge Solutions at Elephant Venture - a McKinsey Software Contract Vendor

- Developed a full-stack HIPAA-compliant architecture using Express.js/Sequelize/React.js web stack.
- Automated integration testing, UI builds, and database migration using Jenkins, Gradle, and Docker.
- Created responsive and pixel-perfect frontend components and pages in React.js, collaborating with designers using Figma, Zeplin, and Invision.
- Implemented a custom CMS system with user management, authentication, and drag and drop functionality using Express.js, React.js, and MariaDB.
- Handled REST CRUD endpoint methods using Redux actions, reducers, and client-side methods.
- Developed backend REST routers and endpoints using Express, Sequelize, and SQL.
- Generated Swagger API documentation for proper API documentation.
- Refactored code, maintained best practices, and established team code lint standards and documentation.
- Provided code documentation, demonstrated features to stakeholders, and mentored junior developers.
- Developed integration tests using JEST, Cypress, and Mocha.
- Automated Newman (Postman CLI) REST APIs using Python and Airflow DAGs for reporting successful HTTP 200 Response Codes.
- Created complex visualizations using Plotly Dash, mapbox and D3.js.
- Integrated custom maps and manipulated SVG to present custom REST data on the UI.
- Developed Express.js REST CRUD endpoints providing specific JSON data based on DB information.

Overpass LLC (Contract)

Full Stack Engineer

2018 - 2019

As a Software Developer at Overpass LLC, I developed a complex web-based CRM software frontend using Aurelia.js, JavaScript, HTML, CSS, and SCSS. I also contributed to backend development, led UI standardization initiatives, and collaborated closely with cross-functional teams in an agile environment.

- Developed a complex web-based software frontend using Aurelia.js, Javascript, HTML, CSS, and SCSS.
- Created Node.js and Express.js backend methods for CRUD operations, along with middleware and Sequelize for data management.
- Contributed new features and bug fixes to existing codebase.
- Led UI standardization initiative for web components, promoting code reuse across teams.
- Utilized Jira for ticket tracking and Git flow for version control in a large development team.
- Worked in an agile environment, actively participating in standups, refinements, and planning.
- Collaborated closely with the QA team to resolve bugs efficiently.
- Created documentation to define front-end code standards for the Overpass developer team.
- Developed responsive and fluid mobile-first components, seamlessly integrated into pages.
- Provided code reviews and wrote Confluence documentation to ensure code accessibility standards were implemented.
- Collaborated with UI/UX designers and the CTO to build a living style guide using Storybook.js for system consistency.

Makeable / CHOP'T Salad Inc (Contract)

Software Engineer

2017 - 2018

As a Software Engineer at Makeable LLC, I developed responsive and cross-browser tested React.js components for the checkout process of the Chop't Salad platform, collaborated with a team to create a pixel-perfect UI, integrated the Braintree API for payments, coordinated JSON object architecture, and deployed React builds with zero downtime in high-traffic environments.

- Developed responsive, cross-browser tested, fluid React.js components and containers for the entire checkout process of the Chop't Salad platform.
- Worked with a team of developers, designers, and product stakeholders to produce a pixel-perfect UI.
- Converted Zeplin designs to clean and responsive React web systems.
- Integrated the Braintree API into the app to process payments and order objects.
- Led conversations with backend engineers to coordinate the JSON object architecture for salad orders.
- Deployed the React builds to high-traffic user environments with zero downtimes after QA testing on BrowserStack using AWS EC2 and Git.
- Updated production hotfixes to server-client site content directly to the AWS EC2 instance after backup, such as store hours JSONs and menu items, including the menu item SVGs.

WR1 Inc (Contract)

Full Stack Engineer

2017-2017

At WR1 Inc, I developed a responsive frontend using Angular 2, performed cross-browser testing, set up a self-hosted WordPress headless CMS with custom PHP functionality, created CRUD RESTful API endpoints in Vanilla PHP, and integrated the frontend with the CMS and iOS app.

- Developed a responsive and interactive frontend using Angular 2, TypeScript, CSS, and HTML.
- Conducted cross-browser testing.
- Configured and customized a self-hosted WordPress installation as a headless CMS using PHP.
- Created custom CRUD RESTful API endpoints in Vanilla PHP.
- Connected REST endpoints to the Angular frontend UI.
- Integrated the Angular frontend with the WordPress headless CMS using RESTful API methods.
- Collaborated with stakeholders to design, develop, and integrate the web-based platform with the iOS app, coordinating data flow with the iOS backend engineer.

Pip's Island Inc (Contract)

Full Stack Engineer

2016-2017

During my contract at Pips Island Inc. in New York, NY (Dec 2016 - Mar 2017), I developed and maintained custom WordPress themes, implemented various features, and automated tasks using PHP and Gulp.js for website optimization.

- Developed and maintained custom WordPress themes using JavaScript and CSS animations.
- Utilized PHP and WordPress as a headless CMS with the WordPress REST API.
- Implemented features such as Mailchimp integration, video streaming, interactivity, and timed play of videos and SVG animations.
- Configured and maintained production and development servers.
- Managed deployment and connected HTML elements to WordPress custom fields.
- Set up LAMP servers with Linode.
- Automated complex tasks using PHP scripts.
- Used Gulp.js for website optimization.

As an IDF Software Engineer (Oct 2012 - Oct 2014), I developed a secure web-based CRM system, managed high-security medical information, and integrated hardware components for data management across divisions.

- Developed a secure and custom web-based CRM system using PHP, SQL, HTML, CSS, and JavaScript and Python.
- Implemented technical and software solutions for multiple divisions.
- Developed internal systems managing high-level security medical information.
- Created the internal public website for soldiers with top security measures.
- Integrated VoIP hardware, barcode scanners, and label printers.
- Developed other data management systems for the IDF health division.

Education

High School Diploma - Computer Science Concentration, Orot Yehuda, Efrat Israel, 2009-2014

Strengths

Programming Languages: PHP, JavaScript ES5+ES6, Shell, Python, HTML, CSS, SCSS, React, Express, D3.js, Front-End, Back-End, JSON, Agile

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

Languages: Hebrew (Fluent), English (Fluent)
