TED J. ANTON

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EXPERIENCE

Full Stack Software Engineer - *Vault Health*   *July 2021 - present*

- Spearheaded a diagnostic integration with a new fulfillment provider by writing the technical specifications, designing distributed architecture solutions utilizing a customized suite of AWS tools, leading all technical calls with external and internal stakeholders, creating and hydrating all implementation stories, and more
- Engineered a medical record export feature in the EHR, giving medical staff the ability to customize and dynamically generate PDF documents for patient and billing needs
- Wrote complex Python scripts to migrate CSV data and manipulate 10M+ records across multiple PostgreSQL databases, processed asynchronously with cloud tools including AWS SNS, SQS and Lambda
- Designed and maintained multiple API clients to interact with 3rd party labs, insurance billers, and vendors, all with 100% test coverage to ensure software stability and reliability
- Established position as a modern React front end subject matter expert by leading trainings on advanced hooks and component testing strategies, providing constructive criticism in code reviews both within and outside the team, and participating in pair-programming to unblock teammates
- Took initiative to keep the codebase healthy by implementing automated pre-commit hooks and linting rules for proper code style, ticketing bugs and implementing fixes when discovered, and writing documentation on internal coding best practices
- Implemented a new nested layout pattern with TypeScript and NextJS, optimizing React's reconciliation process by adding a custom property definition to the component object and moving it to the highest part of the component tree

Marketing Manager - *Ticketmaster (Live Nation Entertainment)*   *February 2016 - May 2021*

- Generated $60M+ in incremental revenue as marketing lead for multiple national tours by building historical Google Analytics reports to plan and implement multi-channel, creative campaigns while providing exceptional client service for Tier 1 accounts
- Built easy-to-use, customizable marketing plan templates with supporting documentation for the entire team, described by the SVP of Touring as being "the most valuable marketing document created in years"
- Drove the highest engagement rates to date on branch social media channels by producing a global touring artist campaign
- Created, presented, and hosted Q&A to share business updates for 150+ attendees at an annual, national touring conference

FULL STACK PROJECTS

VjDj - *A pixel-perfect Spotify clone with music videos* (PostgreSQL, Python, Flask, SQLAlchemy, Javascript, React, Redux) **live** | **github**

- Designed an intuitive drag-n-drop playlist editing React component with a custom backend sorting algorithm to re-index user playlist edits and store updates in Redux state in real-time
- Built a fully-functioning music player with React that persists when navigating throughout the site by setting interval functions, using advanced React hooks, tracking state with context, and handling Promises with audio file actions

Instrument Match - *An AirBnB clone for musical instruments* (PostgreSQL, Javascript, Sequelize, Express, React, Redux) **live** | **github**

- Implemented Express BCrypt to store hashed passwords, protecting data by blocking bad actors and rainbow attacks
- Created a rental booking algorithm that updates the Redux state and UI to provide validation checking for instrument rentals
- Expanded on the Google Maps API functionality to open location markers dynamically based on mouse hover-over

DIVERSITY & INCLUSION

LGBTQ+ Employee Resource Groups - *Vault Health and Live Nation Entertainment*

- Successfully pitched the importance and benefits of having Employee Resource Groups to the Vault Health's Senior Leadership
- Hosted all Vault Health ERG virtual events, sourced community volunteer opportunities, managed all budgeting, and more
- Earned Live Nation's "Rock Star" award for successfully launching a company-wide "Gender & Pronoun Inclusion" initiative and for producing the company's highest attended events to-date, all within extreme budget constraints

SKILLS

JavaScript, TypeScript, React, Redux, Jest, Cypress, GraphQL, PostgreSQL, HTML5, CSS3/SASS, NewRelic, Retool, Material UI, NextJS, Python, Flask, SQLAlchemy, FastAPI, OAuth 2.0, AWS, Object-Oriented Programming, Test-Driven Development, NodeJS, Git, Heroku, PHP, jQuery, Docker, ExpressJS, Sequelize, MySQL, REST API

EDUCATION

App Academy - Full-Stack Web Development *(2020 - 2021)*
Boston University - Bachelor of Music *(2010 - 2014)*
Royal College of Music - Study Abroad *(2012)*