

# Antonio Davila-Olivares

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Full-stack Software Engineer with 3+ years of experience developing scalable front-end solutions with Angular, Svelte, and React. Proven ability to increase test coverage, optimize UI performance, and contribute to large-scale feature rollouts for enterprise airline platforms. Strong advocate of Agile, TDD, and clean code principles.

## Skills

JavaScript | Typescript | Angular | Jasmine/Karma unit tests | RxJS | YAML | Python | React | Redux | Flask | Express | SQLAlchemy | PostgreSQL | CSS3 | HTML5 | Pug | Sequelize | Svelte | Docker | Git | Node.js | Postman

## Experience

### ASSOCIATE SOFTWARE DEVELOPER ENGINEER | HAWAIIAN AIRLINES | MARCH 2022 - PRESENT

- Developed and maintained front-end features for Hawaiian Airlines' web applications using Angular Framework, TypeScript, JavaScript, HTML, and CSS, ensuring a seamless and visually appealing user interface.
- Spearheaded the reintroduction of the Bid Up feature, recovering significant revenue losses (~\$350k/month). Developed a dynamic Bid Up Upsell banner and implemented an LD feature flag for controlled environment rollouts.
- Successfully contributed to a Product and System Software (PSS) change, demonstrating adaptability and resilience in implementing crucial updates to the website framework.
- **Led** unit test refactoring for Jasmine, improving overall coverage from **69.6% to 80%+** and enhancing test reliability across Statements, Functions, and Lines.
- Designed and developed the rental car subpage on HA Trip SPA, updated itinerary cards with car class and logo, and collaborated with backend teams to optimize API responses for My Trips calls.
- **Mentored** junior developers and interns, providing guidance on Jasmine unit testing best practices and test suite organization.
- Contributed to Agile ceremonies (sprint planning, retros, daily standups), helping maintain high team velocity and delivery consistency.
- Developed logic to conditionally render contextual messaging using Svelte and integrated Auro Web Components for a consistent UI across all breakpoints with legal disclosures for flight results page.
- Automated Playwright visual regression tests with Figma comparison integration, catching over 5% more UI discrepancies pre-release with legal disclosures.

## Projects

### DeLorean Traveler Project | [GitHub](#)

- JavaScript | Python | React | Redux | Flask | SQLAlchemy | PostgreSQL | HTML5 | CSS3 | Heroku | Docker
- Created a time circuit component to display location time and current time
- Implemented a joins table for creating lists of locations connecting reviews associated with it
- Incorporated cross-site request forgery to prevent web security vulnerability in forms
- Incorporated WTForms to implement backend validation on forms

## Education

### FULL STACK SOFTWARE ENGINEERING BOOTCAMP | FALL 2021 | APP ACADEMY

- Immersive software development course with a focus on full-stack web development with a < 3% acceptance rate.
- Relevant coursework: Object-Oriented Programming, Data Structures and Algorithms, Test-Driven Development, Agile/SCRUM Methodologies, Software Development Lifecycle (SDLC), Systems Design and Architecture.

### BS OF CRIMINOLOGY & CRIMINAL JUSTICE | SPRING 2012 | NORTHERN ARIZONA UNIVERSITY, FLAGSTAFF, AZ