

Art Vardanyan

Full Stack Web Developer

Charlotte, NC | 704.657.0704 | [Portfolio Website](#) | [GitHub](#) | [LinkedIn](#) | akvardanyan99@gmail.com

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React, Redux, RTK Query, Cypress, Yup, Styled Components, Flexbox, Vercel

Backend: Node, Express, SQLite, MySQL, Firebase, Database Normalization, Knex, Server-Side Input Validation

Middleware, Authentication/Authorization, Auth0, BcryptJS, JsonWebToken, Supertest, Heroku

Additional: VS Code, GitHub, Jest, Test-Driven Development, Postman, HTTPie

PROJECTS

Tweety Bird: The X-Scape

[Website](#) | [GitHub](#)

- Created a Flappy Bird clone using HTML, CSS & vanilla JS featuring jumping, gravity & collision detection
- Used localStorage for keeping track of high score
- Employed requestAnimationFrame provided by the Web API for smooth animations
- Implemented deltaTime for frame rate consistency across screens with different refresh rates
- Optimized game for seamless performance across mobile browsers

Human Rights First

[GitHub](#)

- Followed existing design concepts to finalize the front page by creating buttons & images while refining colors & fonts
- Substituted test data with 2 API endpoints by combining their responses for use by data visualization modules
- Built a protected page by integrating the app with a complete authentication microservice (Auth0) from start to finish

Activity Brainstorm

[GitHub](#)

- Developed a Redux-powered single page application from scratch & styled it with CSS
- Utilized middleware to create asynchronous action creators in Redux
- Implemented conditional rendering of multiple interdependent components

Protected Jokes

[GitHub](#)

- Set up a relational SQL database by configuring knexfile.js & creating migrations & seeds
- Used Express & Nodemon to initialize a server with Cors, Helmet, & error-handling middleware
- Created middleware for username validation & database manipulation using Knex
- Implemented BcryptJS & JsonWebTokens for secure client authentication by building an auth router & restricting middleware for issuing & verifying JWTs respectively
- Devised a server.test.js file from scratch using Jest & Supertest for backend testing of CRUD operations as well as beforeAll, beforeEach, & afterEach functions for maintaining database integrity during testing

Authorized Friend App

[GitHub](#)

- Cloned client auth application with identical DOM profile with styling & optimized new & existing links/routes
- Set up client authorization using localStorage & built CRUD functional operations
- Used HTTPie to test routes

EXPERIENCE

Regional Chairman, Charlotte, NC - Armenian National Committee of America

Sep 2022 - present

- Defend the Armenian Cause on Capitol Hill in meetings with Members of Congress, resulting in cosponsorships by North Carolina lawmakers on key legislation in the House & the Senate
- Organize events at the Armenian Church of Charlotte with participants such as Congressman Jeff Jackson
- Meet with mayors of the largest cities in NC, including Charlotte, & achieve formal reconciliation with the diaspora communities by 3 mayoral offices for proclamations hurting Armenian human rights priorities
- Advocate at the local, state, & federal levels for the humanitarian impact of the Artsakh/Nagorno-Karabakh War

Restaurant Tech Manager, Charlotte, NC - Ararat17

Mar 2020 - Feb 2022

- Leveraged technology to optimize iPad ordering, electronic inventory & POS integration resulting in a 10% (\$3k) decrease in monthly costs
- Managed & optimized integrated audio systems & kitchen display networks, ensuring seamless synchronization & operational efficiency in a high-demand restaurant environment
- Authored the official menu & business card designs, & managed social media, including targeted Facebook ads, to enhance business awareness & brand
- Ensured adherence to Health Department mandates & enforced food safety protocols

EDUCATION

BloomTech, Graduate of the Full Stack Web Development Program

Feb 2024

University of California, Los Angeles (UCLA), Bachelor of Science Degree in Neuroscience (3.67 GPA)

Aug 2021