Art Vardanyan   Full Stack Web Developer

Charlotte, NC | 704.657.0704 | a.vardanyan.v@gmail.com | Portfolio Website | GitHub | LinkedIn

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, & afterAll 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*