

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, React, Vue.js, Next.js, Node.js, HTML5, CSS, React-Native, Python

Other Technologies: AWS, MySQL, MongoDB, Bootstrap, NGINX, Mocha/Chai, Postman, HTTPS, Express

Developer Tools: Git, GitHub, Npm, VS Code, Webpack, Babel, Trello, Homebrew, TLS, CDN

SOFTWARE ENGINEERING PROJECTS

Netflix Clone: *Vue.js App with Vuex* – [Netflix-Clone](#) | [github.com](#)

- A Vue.js Netflix application UX clone with the same functionality: Sign Up, Login, watch movie and add to my list
- Google's Firestore persists data and Firebase Auth handles Login and password storage
- Utilizes Vue-Router with navigation guards for authorized users, with support for re-authentication

Store Landing Page : *Next.js App with SSR* – [DAE-App](#) | [github.com](#)

- Client specific built with a modern UI look and feel made to highlight mainly the products, styled with CSS
- Application setup with continuous integration for latest release with Vercel Cloud Hosting

Portfolio Website: *Next.js App* – [emmanuelgarcia.dev](#) | [github.com](#)

- SPA Next.js application with file-based routing, page pre-rendering and database storage with MongoDB Atlas
- Utilizes Cloudflare's power for faster connection, visit metrics and enhanced security which mitigates DDoS attack

Amazon Clone: *SPA E-Commerce App* – [twoamazon.com](#) | [github.com](#)

- Created a responsive React application that mirrors the functionality of the Amazon e-commerce website
- Managed the state of data with React's Hooks and utilized google's Firebase authentication SDK
- Implemented a full on shopping experience with Sign Up, Log in, and Delete account functionality

Game Service Application: *Full-Stack App using API* – [expwnent.com](#) | [github.com](#)

- Utilized an external third party API from Challonge.com by implementing a back-end that manages internal data and that interacts with the API and its multiple REST endpoints
- Configured routing with Express server for scalability and modularity of the app using CRUD operations
- Deployed app to an AWS Ubuntu running instance and set up the production app with NGINX and PM2

Products API: *Hosted Server and Mongo Database* – [github.com](#)

- Developed an API to handle up to 800 RPS with more than 30M records of product data with a Node/Express server
- Extracted, transformed and loaded 30 million products from CSV files to a custom JSON schema for MongoDB seeding, implemented an LRU Cache for faster response time, while hosted on AWS EC2 Instance

WORK EXPERIENCE

Marketing Associate, International Study Abroad – Queretaro, Mexico 2019

- Assisted in developing marketing strategies to increase the number of students interested in studying abroad

Motorcycle Motor Mechanic, Jerry's Motorcycle Shop – El Paso, TX 2019

- Worked fixing motorcycles, reassembling all terrain vehicles, tanks, carburetors and helping customers

Student Mentor Role, University of Texas at Austin – Austin, TX 2018, 2019

- Mentored 40 college students, lesson planned, delivered weekly presentations and coordinated with Counselor

EDUCATION

Hack Reactor, Advanced Software Engineering Immersive – Austin, TX 2020

University of Texas at Austin, Bachelor of Science., Corporate Communications – Austin, TX 2017 - 2021