Emmanuel A. Garcia

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, React, Vue.js, Next.Js, Python, React-Native, Express, HTML5, CSS
Other Technologies: AWS, Node.js, MySQL, MongoDB, Bootstrap, NGINX, Mocha/Chai, Postman, HTTPS
Developer Tools: Git, GitHub, Npm, Visual Studio, Webpack, Babel, Agile, Trello, Homebrew, TLS, CDN

SOFTWARE ENGINEERING PROJECTS

Netflix Clone: *Vue.js App with Vuex* – **github.com/emmanuel-a-g/netflix-clone**
- https://netflixclonedevs.netlify.app/login
- A Netflix Desktop Application Clone with the same functionality such as Login, Sign-up and add to my List.
- As a backend Google's Firestore persists data and Firebase Auth handles Login and password security.

Portfolio Website: *Next.js App with SSR* – **github.com/emmanuel-a-g/myPage**
- emmanuelgarcia.dev
- A fast Next.js application with file-based routing, page pre-rendering and a live connection to MongoDB Atlas
- Application with continuous integration and instant release of latest code changes to production branch

Amazon Clone Website: *Single Page Application E-Commerce app* – **github.com/TheThreeDevs/amazon-clone**
- twoamazon.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 Website: *Full-Stack App with external API* – **github.com/hratx-blue-ocean/pogchamp**
- expwnent.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 endpoints
- Configured routing with Express server for scalability and modularity of the app using REST operations
- Deployed app to an AWS Ubuntu 20 running instance and set up the production app with NGINX and PM2

Products API: *Full-Server and Mongo Database* – **github.com/Team-Stubbs/overview**
- Scaled and developed an API to handle up to 1000 RPS with more than 30M records of product data with a Node/Express server hosted on AWS
- Extracted, transformed and loaded 30 million products from CSV files to a custom JSON schema for auto MongoDB seeding, implemented an LRU Cache for faster response time of up to 750 RPS

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 dealing with customers

Student Mentor Role, *University of Texas at Austin – Austin, TX*   2019
- Mentored 20 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