Alan Garcia

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Objective

Recent computer science graduate with a passion for developing scalable web applications. I am looking to join new opportunities to help deliver or improve a product and help provide a better user experience while growing my skill set.

Projects

MovieFlix - GitHub Repo | Live Demo
- Build, maintain, and improve components that are built using React.js/TypeScript and styled components.
- Improve product quality, security, and useability on both the front-end and back-end.
- Take UI/UX designs from designers and transform them into a working application.
- Wrote unit tests using Jest and supertest to test express routes.
- Implement any new product features ideas that improve user experience.
- Used JSON web tokens for secure communication between client and server.

GameHub - GitHub Repo
- Used React.js and Material UI to implement the user interface and used React Router to navigate between components.
- Used NodeJS/Express.js to create routes for the backend while using mongoose.js as an ORM to model data to store in the MongoDB database.
- Created an Entity Relational Diagram to design the model data and design a RESTful API to perform CRUD operations.
- Used mocha.js and supertest to perform unit tests for the backend routes.
- Improve product features and security for both front end and back end.

Skynet - GitHub Repo | Live Demo
- Wrote components using React.js and styled components.
- Researched UI/UX designs to create a user interface design and transform it into a working application.
- Review code to perform any improvements and redesign any components so they can be reused across the website.

Education

California State University Northridge   2018-2021
- Bachelor of Science, Computer Science

Skills

Programming: HTML5, CSS3/Sass, JavaScript, TypeScript

Frameworks & Libraries: React.js, Node.js, Bootstrap, Material UI, Express.js, Jest

Tools & Platforms: Git, GitHub, NPM

Databases: MongoDB (NoSQL), MySQL (SQL)